

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

BPO NO: 001B0400591

PRINT DATE: 01/30/13

PAGE: 01

SHIP TO:

AS SPECIFIED ON INDIVIDUAL ORDERS

VENDOR ID: 1223004242
GENERAL SALES ADMINISTRATION
47 NORTH DELL

KENVIL, NJ 07847
(973) 584-7714

REFER QUESTIONS TO:

SUZAN EDWARDS
(410) 767-4032
SUZAN.EDWARDS@DGS.STATE.MD.US

ITB:

EXPR DATE: 06/01/13
POST DATE: 03/26/10

DISCOUNT TERMS: .
CONTRACT AMOUNT:

NET 30 DAY
.00

TERMS:

ARTICLES HEREIN ARE EXEMPT FROM MARYLAND SALES AND USE TAXES BY EXEMPTION CERTIFICATE NUMBER 3000256-3 AND FROM FEDERAL EXCISE TAXES BY EXEMPTION NUMBER 52-73-0358K. IT IS THE VENDOR'S RESPONSIBILITY TO ADVISE COMMON CARRIERS THAT AGENCIES OF THE STATE OF MARYLAND ARE EXEMPT FROM TRANSPORTATION TAX.

AMENDMENT THREE

CONTRACT EXTENDED FROM FEBRUARY 02, 2013 THROUGH JUNE 01, 2013

2013 PRICE LIST IN EFFECT AND ALL STATE OF MARYLAND TERMS AND CONDITIONS REMAIN THE SAME.

AMENDMENT TWO

CONTRACT TERM EXTENDED FROM OCTOBER 1, 2012 TO FEBRUARY 01, 2013

ALL STATE OF MARYLAND TERMS AND CONDITIONS REMAIN THE SAME.

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TERMS (cont'd):

AMENDMENT ONE

A THIRD (3RD) LINE ITEM IS ADDED TO THE CONTRACT EFFECTIVE
AUGUST 03, 2012 THROUGH SEPTEMBER 30, 2012.

NOTE: THERE ARE NOW THREE (3) LINE ITEMS ON THE CONTRACT: LINE ITEM
NUMBER ONE, TWO, AND FOUR. LINE ITEM NUMBER THREE (3) DOES NOT EXIST.

THE STATE OF MARYLAND TERMS AND CONDITIONS APPLY FOR THIS CONTRACT/
AMENDMENT ONE.

VENDOR CONTACT: BRAD BADAL 973-584-7714

=====
STATEWIDE CONTRACT
EMERGENCY VEHICLE WARNING SYSTEMS
MFG: FEDERAL (ALL DIVISIONS)
=====

VENDOR CONTACT: BRAD BADAL 973-584-7714

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STATEWIDE CONTRACT
EMERGENCY VEHICLE WARNING SYSTEMS
MFG: FEDERAL (ALL DIVISIONS)
=====

SCOPE OF CONTRACT: REQUIREMENTS CONTRACT FOR SUPPLY AS NEEDED TO
THE USING AUTHORITY FOR THE FOLLOWING ITEM(S) FOR THE CONTRACT
SPECIFIED.

RELEASES SHALL BE MADE AS REQUESTED BY THE USING AUTHORITY ON AN
"AS-REQUIRED" BASIS.

*** CONTINUED, NEXT PAGE ***

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TERMS (cont'd):

CONTRACT PERIOD: MARCH 28, 2010 THROUGH MARCH 27, 2012

RENEWAL OF CONTRACT 001B8900594 FOR AN ADDITIONAL 2-YEAR PERIOD AT THE SAME TERMS, CONDITIONS AND UPDATED PRICE LIST AS ALLOWED IN THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT.

CONTRACT SHALL REMAIN IN EFFECT FOR THE TIME PERIOD SPECIFIED UNLESS THE CONTRACT IS TERMINATED BY THE BUREAU. THE BUREAU MAY TERMINATE ANY CONTRACT WITHOUT SHOWING CAUSE UPON THIRTY (30) DAYS WRITTEN NOTICE TO THE CONTRACTOR.

THIS CONTRACT IS TO BE A FIRM FIXED PRICE CONTRACT. ALL PRICES CONTAINED HEREIN SHALL BE FIRM FOR THE ENTIRE CONTRACT PERIOD. PRICE LIST IN EFFECT AT TIME OF BID OPENING MUST REMAIN IN EFFECT FOR THE ENTIRE CONTRACT PERIOD. AT THE END OF THE INITIAL TWO-YEAR PERIOD, THE PRICE LIST MAY BE UPDATED AT TIME OF CONTRACT RENEWAL.

USAGE WILL BE FOR THE ACTUAL REQUIREMENTS OF THE STATE. CONTRACTS LIMITING QUANTITIES IN ANY WAY WILL NOT BE ACCEPTED OR CONSIDERED.

DELIVERY: DELIVERIES ARE TO BE MADE AS EXPEDITIOUSLY AS POSSIBLE, BUT NO LATER THAN TWO (2) WEEKS AFTER RECEIPT OF AN AGENCY ORDER FOR IN-STOCK ITEMS AND FOUR (4) WEEKS AFTER RECEIPT OF AN AGENCY ORDER FOR CUSTOM ORDERS.

IF CONTRACTOR FAILS TO MEET THE REQUIRED DELIVERY TIME, THE STATE RESERVES THE RIGHT TO PURCHASE THE ITEM(S) ON THE OPEN MARKET AND CHARGE THE CONTRACTOR THE DIFFERENCE BETWEEN THE CONTRACT PRICE AND THE PURCHASE PRICE.

ALL DELIVERIES ARE TO BE F.O.B. DESTINATION.

PURSUANT TO ARTICLE 41, SECTION 18-201 OF THE ANNOTATED CODE OF MARYLAND, EXCEPT AS PROVIDED IN (B) THE FOLLOWING ENTITIES MAY PURCHASE MATERIALS, SUPPLIES, AND EQUIPMENT UNDER THIS CONTRACT:

- (1) A COUNTY OR BALTIMORE CITY;
- (2) A MUNICIPAL CORPORATION;
- (3) A GOVERNMENTAL AGENCY IN THE STATE;
- (4) A PUBLIC OR QUASI-PUBLIC AGENCY THAT:

- (I) RECEIVES STATE MONEY; AND
- (II) IS EXEMPT FROM TAXATION UNDER SECTION 501(C)(3) OF THE INTERNAL REVENUE CODE:

- (5) A PRIVATE ELEMENTARY OR SECONDARY SCHOOL THAT:

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TERMS (cont'd):

- (I) EITHER HAS BEEN ISSUED A CERTIFICATE OR APPROVAL FROM THE STATE BOARD OF EDUCATION OR IS ACCREDITED BY THE ASSOCIATION OF INDEPENDENT SCHOOLS; AND
- (II) IS EXEMPT FROM TAXATION UNDER SECTION 501 (C) (3) OF THE INTERNAL REVENUE CODE:
OR
- (6) A NONPUBLIC INSTITUTION OF HIGHER EDUCATION UNDER SECTION 17-106 OF THE EDUCATION ARTICLE.

A PRIVATE ELEMENTARY OR SECONDARY SCHOOL OR A NONPUBLIC INSTITUTION OF HIGHER EDUCATION MAY NOT PURCHASE RELIGIOUS MATERIALS UNDER THIS CONTRACT

THE RIGHT TO PURCHASE UNDER THIS SECTION SHALL BE IN ADDITION TO, BUT NOT IN SUBSTITUTION FOR, THE APPLICABLE PURCHASING POWER GRANTED TO ANY OF THE LISTED ENTITIES PURSUANT TO ANY STATUTORY OR CHARTER PROVISION.

ALL PURCHASES UNDER THIS CONTRACT BY ANY SUCH ENTITY WHICH IS NOT A UNIT OR AGENCY OF THE STATE OF MARYLAND FOR WHICH THE STATE OF MARYLAND MAY BE HELD LIABLE IN CONTRACT (1) SHALL NOT CONSTITUTE A PURCHASE OR CONTRACT BETWEEN THE CONTRACTOR AND THAT ENTITY ONLY, (2) SHALL NOT CONSTITUTE A PURCHASE OR CONTRACT OF THE STATE OF MARYLAND, (3) SHALL NOT BE BINDING OR ENFORCEABLE AGAINST THE STATE OF MARYLAND OR ANY OF ITS UNITS OR AGENCIES, AND (4) MAY BE SUBJECT TO OTHER TERMS AND CONDITIONS AGREED TO BY THE CONTRACTOR, AND THE PURCHASER. CONTRACTOR BEARS THE RISK OF DETERMINING WHETHER OR NOT ANY ENTITY FROM WHICH THE CONTRACTOR RECEIVES AN ORDER UNDER THE CONTRACT IS A UNIT OR AGENCY OF THE STATE OF MARYLAND SUCH THAT THE CONTRACT MAY BE ENFORCED AGAINST THE STATE OF MARYLAND.

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<u>LINE #</u>	<u>STATE ITEM ID</u>	<u>U/M</u>	<u>UNIT COST</u>
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0001	05554-000050	EA	
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EMERGENCY VEHICLE LIGHTING EQUIPMENT, WARNING SYSTEMS AND ACCESSORIES
MANUFACTURER: FEDERAL SIGNAL - AMBER DIVISION ONLY.

PRICING: 46% DISCOUNT FROM 2009 PRICE CATALOG FEDERAL SIGNAL 11/09,
M100/1109.

0002	05554-000050	EA	
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EMERGENCY VEHICLE LIGHTING EQUIPMENT, WARNING SYSTEMS AND ACCESSORIES
MANUFACTURER: FEDERAL SIGNAL - BLUE AND RED DIVISION ONLY

PRICING: 46% DISCOUNT FROM 2009 PRICE CATALOG FEDERAL SIGNAL 11/09,
M100/1109.

0004	05554	EA	
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LIGHTS, EMERGENCY AND TROUBLE

NOTE: LINE ITEM THREE (3) DOES NOT EXIST; THERE ARE THREE (3) LINE
ITEMS TOTAL: NUMBER ONE, TWO, AND FOUR.

THE THIRD (3RD) LINE ITEM OR LINE ITEM NUMBER FOUR INCLUDES THE
FOLLOWING FOR THE MARYLAND STATE POLICE PACKAGE VALOR-00044MSP AT
\$2,119.00 PER PACKAGE:

690200 PA300-CN REMOTE SIREN MNCT

ES100 SPEAKER

ESB-CAP11 SPEAKER BRACKET

475-8104 CAPRICE TRUNK TRAY

SEVEN (7) YEAR PARTS AND LABOR EXTENDED WARRANTY (IN HOUSE LABOR
ONLY). ADDITIONAL REPLACEMENT DOMES WILL BE AT \$50.00 PER DOME FOR
THE SEVEN (7) YEAR WARRANTY.

END OF ITEM LIST

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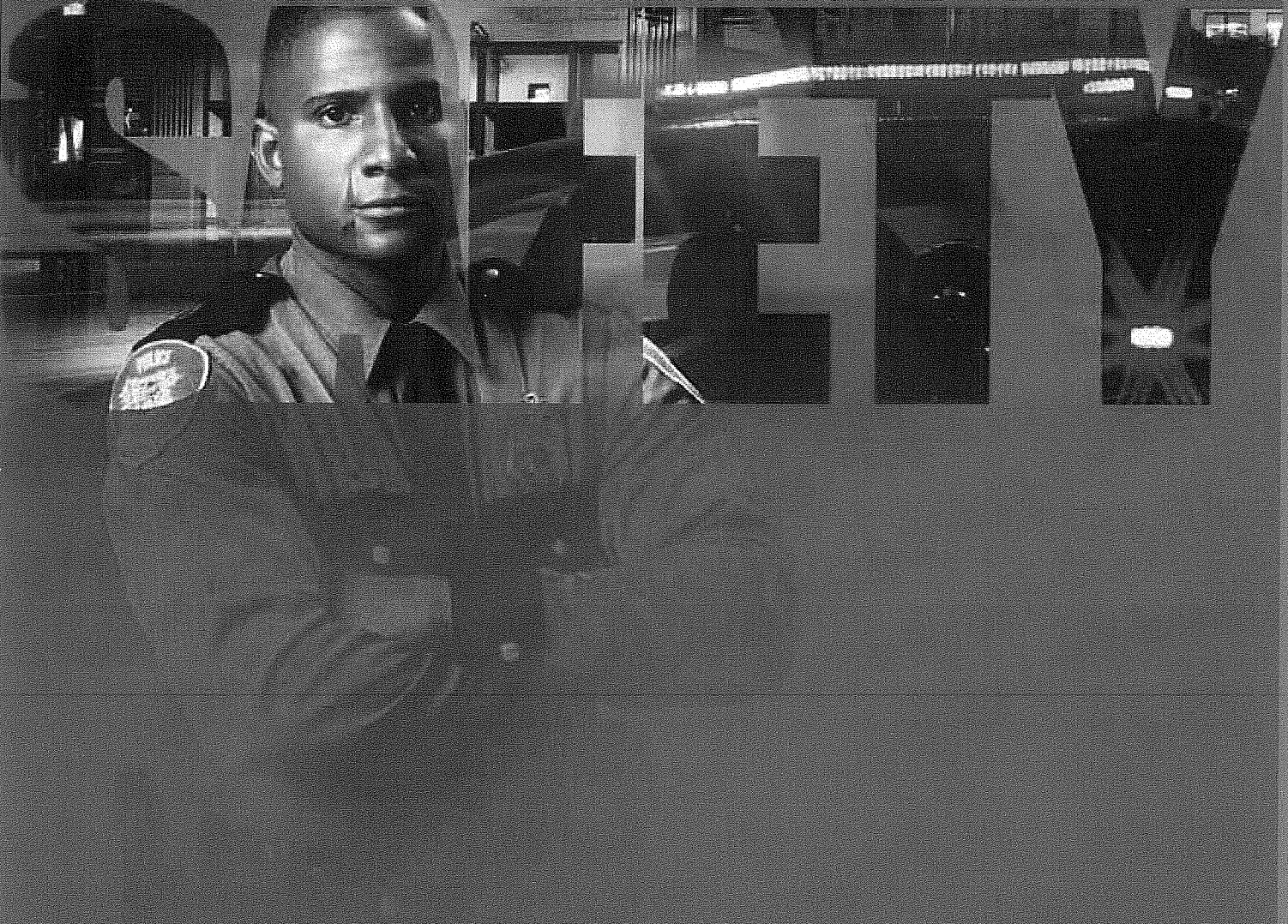
AUTHORIZED BY: James A. Edwards

DATE: 01/30/13

The driving force in technology |



FEDERAL SIGNAL



Innovation for those that provide safety.

Lightbars

Sirens

Speakers

Warning Lights

Directional Warning





Federal Signal is **The Driving Force™** behind the technology that provides safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your emergency vehicle.

Exclusive to Federal Signal, these technologies are identified on the following product pages.

Ask your local FS Representative how you can experience the latest in lighting and siren systems.

TECHNOLOGY

Federal Signal Exclusive Technologies



SPECTRALUX™ multicolor LED technology provides the ability for a LED light head to change color while in operation. LEDs can change between Red, Blue, Amber or White through user-selected flash patterns.



SOLARIS® LED reflector technology is engineered to increase off-axis warning and maximize the LED light source to eliminate dark spots and distribute 360-degrees of light coverage.



SLR (SOLARIS® LED ROTATOR) maximizes the LED light source for full light coverage. SLR rotates the Solaris LED reflector 360-degrees to maximize the warning light output.



FS CONVERGENCE NETWORK provides “plug-n-play” installation from Federal Signal’s SmartSiren® Platinum, amplifier and controller, to our family of serial communication lightbars and SpectraLux ILS Interior Lighting System.



ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of the connection failure points found in a typical lightbar. Wires, connections and assemblies are replaced by PCB assemblies — reducing labor repair time and increasing the road time for emergency vehicles.



HOTFOOT® lighted mounting feet provide additional light through powerful Solaris LED reflectors that are built into the mounting system of the lightbar.

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General Price List Notes

1. Detailed product data sheets are available at available www.fedsig.com
2. For detailed information on how to order, consult the product data sheets or contact the factory at 800-264-3578.
3. All voltage is 12V unless marked otherwise. Contact the factory for pricing and availability of 24V models.
4. Most products are available in Amber, Blue, Clear and Red. Some products are available in Green. Consult product data sheets or contact the factory for more information.
5. "Specify All Options" base models are not available for sale without options.
6. When installing equipment inside airbag equipped vehicles, the installer must ensure that the equipment is installed only in areas recommended by the vehicle manufacturer.

Basic Terms and Conditions

1. Minimum billing on finished goods order is \$50.00 and parts order is \$25.00.
2. Prices are in U.S. dollars, FOB-University Park, IL or Anaheim, CA.
3. Past Due Interest: Amounts not paid when due shall be subject to past due interest at the rate of 18% per year or the highest rate permitted by law, whichever is less.
4. Authorized returns are subject to a 25% restocking charge. Returns of obsolete products, custom-configured products (such as custom lightbars), and products older than one year from original shipment by Federal Signal will not be accepted. A copy of the Product Returns Policy can be obtained from a Customer Support Representative.
5. Federal Signal is not responsible for equipment returned to Federal Signal without a valid Returned Material Authorization. Call 800-264-3578 or 800-433-9132 to obtain a Returned Material Authorization number (RMA number) or see www.fedsig.com
6. Prices and specifications subject to change without notice.
7. This document is not to be reprinted or reproduced without written permission of Federal Signal.

Vision® SLR

- SpectraLux™ multicolor LED technology available in combinations of Amber, Blue, Red and White
- Solaris® LED reflector technology for better optical efficiency and superior off-axis warning
- FS Convergence Network for "plug-n-play" installation and programming
- Individual pod replacement for easy servicing
- Optional LED HotFoot® mounting for LED takedowns
- Single-color pod LEDs offered in Amber, Blue, Green, Red or White
- Optional LED alley caps
- Available in 46", 53" and 60" lengths
- LED aerial view reflector
- Optional quick disconnect feature for easy service removal from vehicle



Online Lightbar Configurator CONVERGENCE network SpectraLux HotFoot

Model	Description	List Price
46" Models — Choice of hook kit or permanent mount kit included		
VSLR46-00012	Red/Clear/Blue, (3) all Red LED rotators, (2) all Blue LED rotators, (2) multi-colored LED rotators, no controller-must use with SSP3000, Red, Clear and Blue domes, no SignalMaster, Black hook-on mount	\$3,995.00
VSLR46-00003	Red/Clear/Blue, (3) all Red LED rotators, (2) all Blue LED rotators, (2) multi-colored LED rotators, eight-head SignalMaster, no controller-must use with SSP3000, Red, Clear and Blue domes, Black hook-on mount	4,595.00
VSLR46-00004	Red/Clear/Blue, (3) all Red LED rotators, (3) all Blue LED rotators, (1) all White LED rotator, (2) LED alley lights, eight-head SignalMaster, HotFoot with (2) LED takedowns, no controller-must use with SSP3000, Red, Clear and Blue domes, HotFoot hook-on mount	5,015.00
53" Models — Choice of hook kit or permanent mount kit included		
VSLR53-00007	Red/Clear/Blue, (3) all Red LED rotators, (2) all Blue LED rotators, (2) multi-colored LED rotators, no controller-must use with SSP 3000, Red, Clear and Blue domes, no SignalMaster, Black hook-on mount	4,195.00
VSLR53-00003	Red/Clear/Blue, (3) all Red LED rotators, (2) all Blue LED rotators, (2) multi-colored LED rotators, eight-head SignalMaster, no controller-must use with SSP3000, Red, Clear and Blue domes, Black hook-on mount	4,795.00
VSLR53-00004	Red/Clear/Blue, (3) all Red LED rotators, (3) all Blue LED rotators, (1) all White LED rotator, (2) LED alley lights, eight-head SignalMaster, HotFoot with (2) LED takedowns, no controller-must use with SSP3000, Red, Clear and Blue domes, HotFoot hook-on mount	5,215.00
60" Models — Choice of hook kit or permanent mount kit included		
VSLR60-00007	Red/Clear/Blue, (3) all Red LED rotators, (2) all Blue LED rotators, (2) multi-colored LED rotators, no controller-must use with SSP3000, Red, Clear and Blue domes, permanent mount	4,295.00

Accessories and Kits

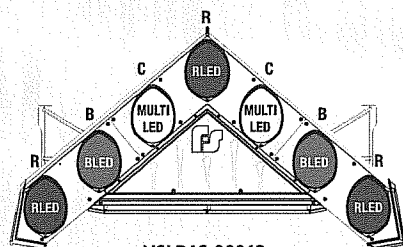
HK8-Model	Hook, required with hook-on mount, specify vehicle (see page 11)	54.00
795H-EXT-VD	795H Opticom in sealed housing with bracket for driver-side mounting on Vision SLR lightbars	2,399.00
795H-EXT-PD	795H Opticom in sealed housing with bracket for passenger-side mounting on Vision SLR lightbars	2,399.00

Notes

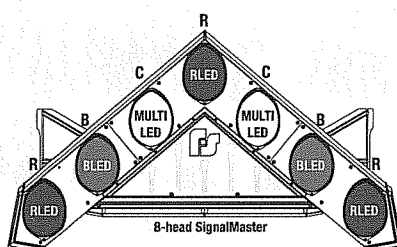
- See page 12 for common replacement parts.
- See page 14 for SSP3000 models.
- Go to www.fedsig.com/products/296/vision_slr to view flash pattern videos.

How to Order

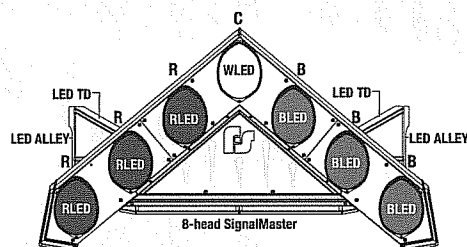
Choose one of the popular models above, customize your own lightbar with our online configurator or contact a local Federal Signal representative or distributor.



VSLR46-00012
VSLR53-00007
VSLR60-00007



VSLR46-00003
VSLR53-00003

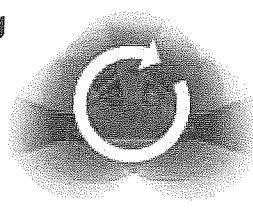


VSLR46-00004
VSLR53-00004

Vision® SLR

Superior Off-Axis Warning

Working with its unique V-shaped design, Vision SLR's microprocessor LED "Smart Pods" create superior off-axis warning, providing 360-degree coverage and critical off-axis intersection clearing.



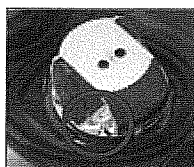
SpectraLux™ Multicolor LED Technology

Exclusive to Federal Signal, SpectraLux provides the ability for a single light source to change colors. Individual Vision SLR Smart Pods can flash between Red, Blue, Amber or White.



Solaris® LED Reflector Design

Vision SLR's, patent-pending, Smart Pods are equipped with Federal Signal's Solaris® SLR designed to significantly maximize the LED light source for full light coverage. What's more impressive, each reflector features two LEDs that project light upward for easy aerial location of law enforcement vehicles.



Stepper Motor

Provides a variety of flash rate options, oscillation angles and the ability to jog a lighthouse to desired fixed position.



Flood Light Capability

At a steady position, in all white mode, SpectraLux provides an impressive flood light to quickly illuminate an emergency scene.

Versatile Mounting

The mount brackets accommodate optional HotFoot® LED Take Down lights.

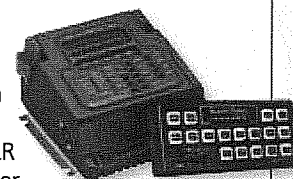


SignalMaster™

The Vision SLR offers an optional 8-head LED SignalMaster™ for directional warning.

Simple Installation

The Vision SLR lightbar can be controlled with SmartSiren® Platinum for use on the Federal Signal Convergence Network. The Vision SLR can be easily programmed using either a SmartSiren Platinum system or Vision control head and a standard laptop.



A serial interface module with your existing light controller can also be used to program and operate the features and function of the Vision SLR.



Easy Service

As simple as one-two-three: Remove screw, twist pod to remove from base and unplug the connection from the lightbar.

Dimming Feature

When activated, the dimming feature significantly reduces the light output intensity.

Available LED Colors

Single-color pods are available in Red, Amber, Blue, White or Green. SpectraLux option for pods provides Red, Amber, Blue and White.

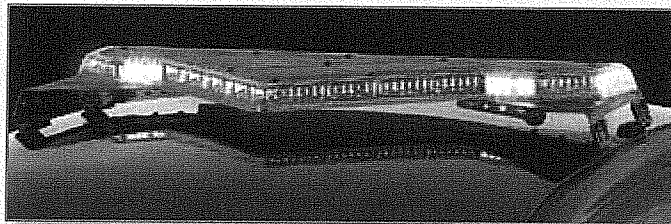
Number of LEDs

- 12 LEDs per pod (7 pods)
- 48 LEDs in SML (8-heads, 6-LEDs per head)
- 6, 12 or 18 LEDs per HotFoot light
- 6 LEDs in Alley light

Current Draw

2.5 amps per pod x 7 pods = approx 18 amps
1 amp per SML head = total 8 amps

Valor™



- SpectraLux™ multicolor LED technology available in combinations of Amber, Blue, Red or White
- Patented ROC (Reliable Onboard Circuitry™) technology
- Solaris® LED reflector technology for better optical efficiency
- FS Convergence Network for "plug-n-play" installation and programming
- Optional quick disconnect for easy service removal from vehicle
- Optional LED HotFoot® mounting for LED alley and takedown lights
- Single-color lighthead offered in Amber, Blue, Green, Red or White
- Only 2-inches tall (not including mounts)
- Integrated vortex generators for increased fuel efficiency and reduced wind noise
- Available in 44" and 51" lengths

[Online Lightbar Configurator](#)
[CONVERGENCE network](#)
[SpectraLux](#)
[ROC](#)
[SOLARIS](#)
[HotFoot](#)

Model	Description	List Price
44" Models — Choice of hook kit or permanent mount kit included		
VALR44-00305	44", (6) Red LED reflectors, (6) Blue LED reflectors, (2) Blue/White LED reflectors (takedowns and alleys), (2) Red/White LED reflectors (takedowns and alleys), (4) Red/Amber LED reflectors, (4) Blue/Amber LED reflectors, Black hook mount, interface module	\$3,350.00
VALR44-00351	44", (6) Red LED reflectors, (6) Blue LED reflectors, (2) Blue/White LED reflectors (takedowns and alleys), (2) Red/White LED reflectors (takedowns and alleys), (4) Red/Amber LED reflectors, (4) Blue/Amber LED reflectors, HotFoot with (2) White LED takedowns, (2) White LED alley lights, Black hook mount, no controller - use with SSP3000	3,850.00
VALR44-00249	44", (1) Red LED reflector, (1) Blue LED reflector, (7) Red/White LED reflectors (takedowns and alleys), (7) Blue/White LED reflectors (takedowns and alleys), (4) Amber/Red LED reflectors, (4) Amber/Blue LED reflectors, Black hook mount, no-controller - use with SSP3000	3,800.00
51" Models — Choice of hook kit or permanent mount kit included		
VALR51-00160	51", (24) Red LED reflectors, (4) Red/White LED reflectors (takedowns and alleys), Black hook mount, interface module	3,865.00
VALR51-00064	51", (2) Red LED reflectors, (2) Blue LED reflectors, (8) Red/White LED reflectors (takedowns and alleys), (8) Blue/White LED reflectors (takedowns and alleys), (4) Amber/Red LED reflectors, (4) Amber/Blue LED reflectors, Black hook mount, interface module	4,315.00
VALR51-00161	51", (8) Red LED reflectors, (8) Blue LED reflectors, (2) Red/White LED reflectors (takedowns and alleys), (2) Blue/White LED reflectors (takedowns and alleys), (4) Amber/Red LED reflectors, (4) Amber/Blue LED reflectors, Black hook mount, interface module	3,775.00

Accessories and Kits

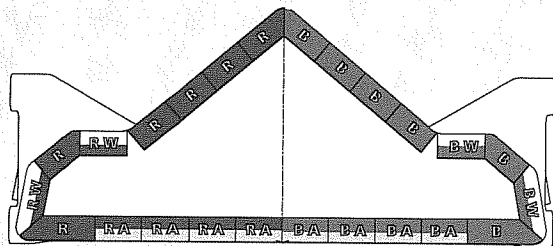
HKB-Model	Hook required with hook-on mount, specify vehicle (see page 11)	54.00
795H-EXT-VALRD	795H Opticom in sealed housing with bracket for driver-side mounting on Valor lightbars	2,399.00
795H-EXT-VALRP	795H Opticom in sealed housing with bracket for passenger-side mounting on Valor lightbars	2,399.00

Notes

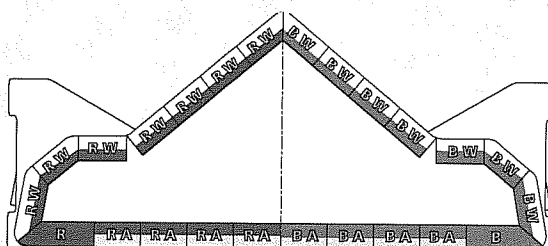
- See page 12 for common replacement parts.
- Go to www.fedsig.com/products/297/valor to view flash pattern videos.

How to Order

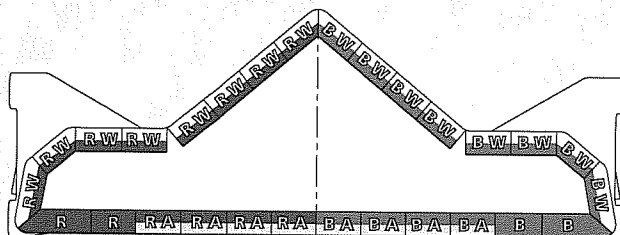
Choose one of the popular models above, customize your own lightbar with our online configurator or contact a local Federal Signal representative or distributor.



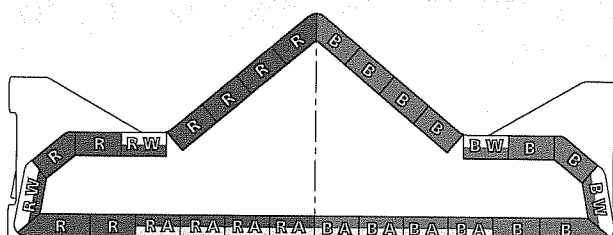
VALR44-00305



VALR44-00249



VALR51-00064

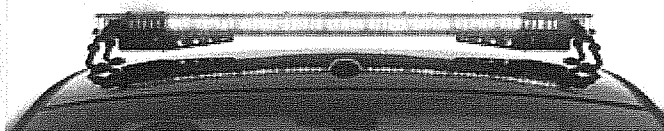
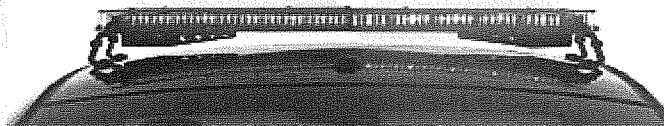


VALR51-00161

Valor™

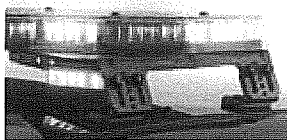
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Exclusive to Federal Signal, SpectraLux provides the ability for a LED light head to change colors. Individual Valor lightheads can flash between Red, Blue, Amber or White.



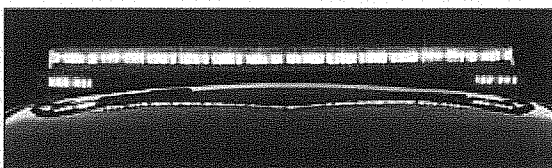
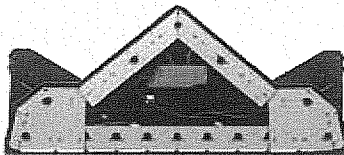
Solaris® LED Reflector Design

Federal Signal's Solaris® LED reflector technology is engineered to significantly increase off-axis warning and maximize the LED light source to eliminate dark spots and distribute 360-degrees of light coverage.



ROC (Reliable Onboard Circuitry™) Technology

Federal Signal's patented ROC technology is manufactured to eliminate approximately 85% of the connection failure points found in a typical lightbar assembly. Wires, connections, and assemblies have been replaced by PCB assemblies — reducing labor repair time and increasing the road time for emergency vehicles.



Flood Light Capability

At a steady position, in all white mode, SpectraLux provides an impressive flood light to quickly illuminate an emergency scene.

Versatile Mounting

The mount brackets accommodate optional HotFoot® LED Take Down and LED Alley Lights.

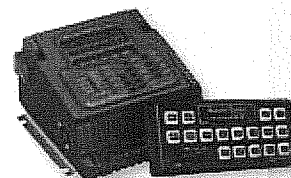


SignalMaster™

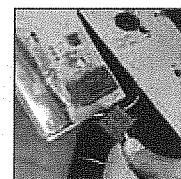
The Valor is built with an 8-head LED SignalMaster™ capability for directional warning.

Simple Installation

For maximum performance, the FS Convergence Network provides "plug-n-play" installation. Utilizing standard RJ45 connections, the Valor can be easily programmed using a SmartSiren® Platinum system. With control head programmability, the user can customize the keypad to meet their needs.



A serial interface module with your existing light controller can also be used to program and operate the features and functions of the Valor.



Easy Service

Valor can be serviced while on the roof top. Remove the single dome and easily disconnect the ROC board.

Dimming Feature

When activated, the dimming feature significantly reduces the light output intensity.

Clear Domes

For a sleek and stealthy appearance the Valor is available with Clear domes only.

Available LED Colors

Single-color options are available in Red, Amber, Blue, White or Green

Number of LEDs

In the 44-inch lightbar, if all positions are single-color:

1. Main bar: 24 heads x 6 LEDs each = 144 LEDs
2. HotFoot Takedown: 6, 12 or 18 LEDs per light
3. Alley HotFoot: 6 LEDs per light

Current Draw

Without HotFoot lights - 24 amp - STEADY (44-inch)
With HotFoot lights - 28 amp - STEADY (44-inch)

Legend®

- Ultra bright White LED takedowns and alleys in main bar or HotFoot®
- Lightbar can be reconfigured on the vehicle
- Patented ROC (Reliable Onboard Circuitry™) technology
- Solaris® LED technology maximizes warning signals at 360-degrees and 90-degrees off-axis
- Built-in SignalMaster™ directional warning
- FS Convergence Network compatible for "plug-n-play" installation and programming
- 24", 45", 53", 61" and 70" versions fit a wide variety of vehicle sizes
- LEDs offered in Amber, Blue, Green, Red and White
- Top covers offered in Amber, Blue, Clear and Red



Model	Description	List Price
24" Models — Permanent mount included		
LGD24Z-00065	Clear/Clear, (2) Red corner LED reflectors, (2) Red 5" LED reflectors, (1) Red 2" LED reflector, (2) Blue corner LED reflectors, (2) Blue 5" LED reflectors, (1) Blue 2" LED reflector, interface module, permanent mount	\$1,213.50
45" Models — Hook-on mount included		
LGD45HZ-00017	Red/Blue, LED HotFoot with (2) LED takedowns and (2) LED alley lights, (2) Red corner LED reflectors, (1) Red 2" LED reflector, (3) Red 5" LED reflectors, (2) Blue corner LED reflectors, (1) Blue 2" LED reflector, (3) Blue 5" LED reflectors, (6) Amber 5" LED reflectors, interface module, Black hook mount	3,732.00
LGD45Z-00100	Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (2) Red 5" LED reflectors, (2) Blue corner LED reflectors, (2) Blue 5" LED reflectors, (6) 5" Amber LED reflectors, interface module, Black hook mount	2,835.25
53" Models — Hook-on mount included		
LGD53HZ-00045	Red/Clear/Blue, LED HotFoot with (2) LED takedowns and (2) LED alley lights, (2) Red corner LED reflectors, (1) Red 2" LED reflector, (3) Red 5" LED reflectors, (1) Red 4" LED reflector, (2) Blue corner LED reflectors, (1) Blue 2" LED reflector, (3) Blue 5" LED reflectors, (1) Blue 4" LED reflector, (6) Amber 5" LED reflectors, (2) Amber 4" LED reflectors, interface module, Black hook mount	4,360.25

Accessories and Kits

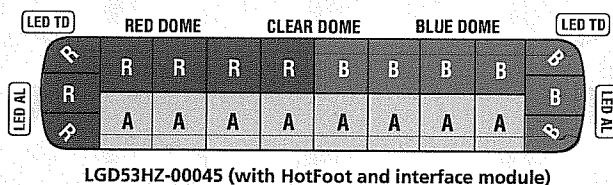
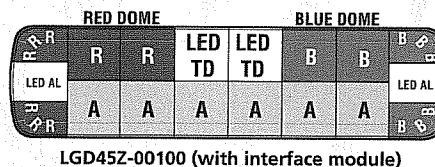
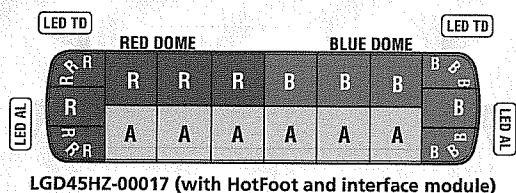
660000	Six-button programmable controller, light control only	291.75
660300	Three-button programmable controller, light control only	175.25
HKB-(Model)	Hook required with hook-on mount, specify vehicle (see page 11)	54.00
Z8653168A	BP flat mount kit	125.00
Z8653134B	Hook mount kit	199.00
Z8653134B-01	Permanent mount kit	199.00
Z8653178A	Flat surface mount kit	128.75

Notes

- Models listed above include an interface module unless otherwise noted.
- Interface module not needed, if lightbar is controlled with a SmartSiren Platinum (see page 14) or PA300-CN (see page 15).
- See page 12 for common replacement parts.
- Go to www.fedsig.com/products/263/legend to view flash pattern videos.

How to Order

Choose one of the popular models above, customize your own lightbar with our online configurator or contact a local Federal Signal representative or distributor.



LPX Series



- Solaris® LED reflector technology
- Patented ROC (Reliable Onboard Circuitry™) technology
- FS Convergence Network compatible for "plug-n-play" installation and programming
- All-LED lightbar – LED alleys and LED takedowns available
- LEDs offered in Amber, Blue, Green, Red and White
- Top covers offered in Amber, Blue, Clear and Red
- Built-in SignalMaster, front/rear cut-off, intersection warning and "dimming" functions
- Same flash patterns, controller options and mounting option as standard Legend lightbars
- Available in 45", 53" and 61" lengths



Model	Description	List Price
45" Models — Hook-on mount included		
LPX45Z-00009	Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (5) Red 5" LED reflectors, (2) Blue corner LED reflectors, (5) Blue 5" LED reflectors, interface module, Black hook mount	\$1,750.00
LPX45Z-00010	Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (2) Red 5" LED reflectors, (2) Blue corner LED reflectors, (2) Blue 5" LED reflectors, (6) Amber 5" LED reflectors, interface module, Black hook mount	1,750.00
53" Models — Hook-on mount included		
LPX53Z-00018	Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (2) Red 5" LED reflectors, (1) Red 4" LED reflector, (2) Blue corner LED reflectors, (2) Blue 5" LED reflectors, (1) Blue 4" LED reflector, (6) Amber 5" LED reflectors, (2) Amber 4" LED reflectors, interface module, Black hook mount	1,920.00
LPX53Z-00019	Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (5) Red 5" LED reflectors, (2) Red 4" LED reflectors, (2) Blue corner LED reflectors, (5) Blue 5" LED reflectors, (2) Blue 4" LED reflectors, interface module, Black hook mount	1,920.00

Kit

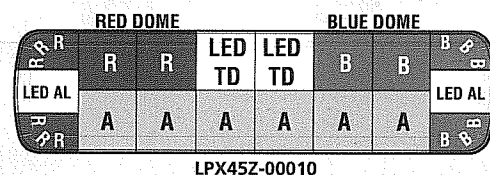
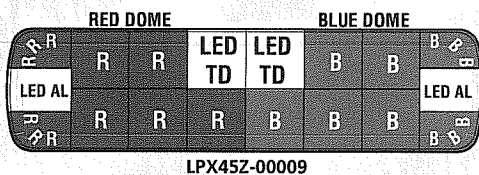
HKB-(Model)	Hook required with hook-on mount, specify vehicle (see page 11)	54.00
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Notes

- Models listed above include an interface module unless otherwise noted.
- Interface module not needed, if lightbar is controlled with a SmartSiren Platinum (see page 14) or PA300-CN (see page 15).
- See page 12 for common replacement parts.

How to Order

Choose one of the popular models above, customize your own lightbar with our online configurator or contact a local Federal Signal representative or distributor.



LPX Discrete



- Solaris® LED reflector technology
- All LED lightbar
- LEDs offered in Amber, Blue, Green, Red and White
- Top domes offered in Amber, Blue, Clear and Red
- Independently controlled front and rear flashing
- Ten selectable flash patterns, (2) flashing modes
- Does not include Signalmaster functionality
- Available in 45", 53", 61" and 70" lengths
- Five-year LED warranty



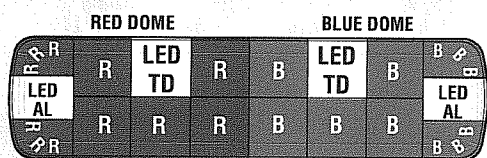
Model	Description	List Price
LPX45D-00019	45" Models — Hook-on mount included Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (2) Blue corner LED reflectors, (5) Red 5" LED reflectors, (5) Blue 5" LED reflectors	\$1,710.00
LPX53D-00023	53" Models — Hook-on mount included Red/Clear/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (2) Blue corner LED reflectors, (5) Red 5" LED reflectors, (5) Blue 5" LED reflectors, (2) Red 4" LED reflectors, (2) Blue LED reflectors	1,760.00
Kit		
HKB-(Model)	Hook required with hook-on mount, specify vehicle (see page 11)	54.00

Note

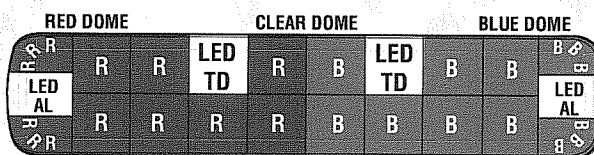
- See page 18 for common replacement parts.

How to Order

Choose one of the popular models above, customize your own lightbar with our online configurator or contact a local Federal Signal representative or distributor.



LPX45D-00019

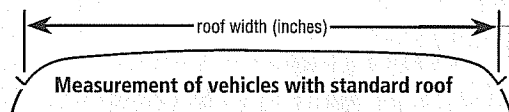


LPX53D-00023

For the most up-to-date hook mount information, contact Customer Support at 800-264-3578.

CARS, VANS AND SUV'S			
MAKE/MODEL	YEAR	HOOK KIT MODEL #	ROOF WIDTH
FORD			
Crown Victoria	1992-11	HKB-CV92	46.0"
Edge	2013	HKB-CAR8	51.5"
	2012	HKB-FRD7	52.0"
Escape	2013	HKB-ESC13	52.5"
	2007-12	HKB-ESC7	49.5"
	2005-06	HKB-ESC5	49.0"
Expedition	2003-12	HKB-FTX	52.0"
Explorer (Civilian)	2011-13	Permanent Mount	55.0"
	2008-10	HKB-XPL8	51.0"
	2000-06	HKB-WSTR	49.0"
Fiesta SE	2013	HKB-CHGR11	45.0"
Flex	2012	HKB-CHGR11	57.0"
Focus	2013	HKB-CHGR11	48.5"
	2011-12	HKB-CHGR	48.0"
Fusion	2011-12	HKB-CHGR	48.5"
	2009	HKB-TAR9	49.0"
Mustang	2012-13	Permanent Mount	46.0"
Police Interceptor Sedan	2013	HKB-TAR11	52.5"
Police Interceptor Utility	2013	HKB-FPIU13	55.5"
Taurus	2011-13	HKB-TAR11	52.5"
	2009	HKB-TAR9	49.0"
Transit Connect	2012	Permanent Mount	48.0"
Van	1987-12	HKB-SAV	65.0"
CHEVROLET/GM			
Camaro	2011-12	Permanent Mount	50.0"
Caprice	2011-12	HKB-CAP11B	49.25"
Cruze	2012	HKB-MAG7	46.5"
Equinox LS (NO Roof Rails)	2012	HKB-IMP7	48.5"
Express Van	2003-12	HKB-SAV	61.0"
Impala	2006-12	HKB-IMP7	46.5"
Malibu	2012	HKB-CHGR11	48.0"
	2008-11	HKB-MAL8	47.0"
	2007	HKB-MAL7	44.0"
Sonic (Sedan or Hatchback)	2012	HKB-TAR11	43.0"
Suburban (NO Roof Rails)	2007-12	HKB-TA10	55.0"
	2000-06	HKB-CK2	52.0"
Tahoe	2007-13	HKB-TA10	55.0"
	2000-06	HKB-CK2	52.0"
Trail Blazer/Envoy	2007-10	HKB-CK2	51.0"
	2006	HKB-S10	48.0"
Traverse	2012	Permanent Mount	53.0"
Volt	2012	HKB-CHGR11	47.5"
CHRYSLER/DODGE/JEEP			
200	2012	HKB-FRD4	50.0"
Challenger	2012-13	Permanent Mount	54.5"
Charger	2011-13	HKB-CHGR11	50.25"
	2006-10	HKB-CHGR	47.0"
Commander	2010	HKB-CK2	56.0"
Durango	2008-09	HKB-DUR8	48.0"
Durango (Slick Top)	2011-13	HKB-MAL7	54.0"
	2004-07	HKB-CK2	48.0"
Durango (Roof Rack)	2005-07	HKB-DURR	48.0"
Grand Caravan/Town & Country	2008-13	HKB-CAR8	60.0"
	1996-07	HKB-CARV	48.5"
Grand Cherokee	2011	HKB-MAL7	54.0"
Liberty	2012	HKB-CAR8	55.0"
Wrangler	2012-13	Permanent Mount	N/A

All Federal Signal lightbars may be permanent or hook-on mounted. When using a hook-on mount, a separate hook kit is required for the make, model and year of your vehicle. Use the hook kit reference guide to find your vehicle's appropriate hook kit. Measurements for the roof width are determined by the style of the vehicle. These measurements may help you in choosing the lightbar length best suited for you vehicle.



TRUCKS				
MAKE/MODEL	CAB STYLE	YEAR	HOOK KIT MODEL #	ROOF WIDTH
FORD				
F150	Reg	2009-12	HKB-FRD9	57.0"
		2007-08	HKB-FRD7	57.0"
		2004-06	HKB-FRD4	57.0"
	Ext/SuperCab	2009-12	HKB-FRD9	57.0"
		2007-08	HKB-FRD7	57.0"
		2004-06	HKB-FRD4	57.0"
	Crew/SuperCrew	2009-12	HKB-FRD9	57.0"
		2007-08	HKB-FRD7	57.0"
		2004-06	HKB-FRD4	57.0"
F250/350/450	Reg	2007-12	HKB-FHD7	58.5"
		2004-06	HKB-DKTA	58.5"
	Ext/SuperCab	2007-12	HKB-FHD7	58.5"
		2004-06	HKB-DKTA	58.5"
	Crew	2007-12	HKB-FHD7	58.5"
		2004-06	HKB-DKTA	56.5"
Ranger	Reg	2002-10	HKB-DKTA	48.5"
	Ext/SuperCab	2002-10	HKB-DKTA	48.5"
CHEVROLET				
Avalanche	Crew	2002-12	HKB-CK2	55.0"
Colorado/Canyon	Reg	2007-12	HKB-COL7	45.5"
		2004-06	HKB-COLO	45.0"
	Ext	2007-12	HKB-COL7	45.5"
		2004-06	HKB-COLO	45.0"
	Crew	2007-12	HKB-COL7	45.5"
		2004-06	HKB-COLO	45.0"
Silverado Classic/Sierra Classic (1500, 2500, 3500)	Reg	2001-07	HKB-CK2	52.0"
	Ext	2001-07	HKB-CK2	52.0"
	Crew	2001-07	HKB-CK2	52.0"
Silverado/Sierra (1500, 2500, 3500)	Reg	2007-12	HKB-TA07	55.0"
	Ext	2007-12	HKB-TA07	55.0"
	Crew	2007-12	HKB-TA07	55.0"
DODGE				
Dakota	Club	2005-07	HKB-DKTA	45.5"
	Quad	2005-11	HKB-DKTA	45.5"
Ram (1500, 2500, 3500)	Reg	2010-12	HKB-FRD9	57.5"
		2003-05	HKB-RAM2	48.5"
	Quad	2010-12	HKB-FRD9	57.5"
		2003-07	HKB-RMQ4	51.0"
	Mega	2010-12	HKB-FRD9	57.5"
		2007	HKB-RMQ4	52.5"

Permanent Mounting: (no hook kit required)

Vision and Vector models use VMPK permanent mount kit.

Vista models use XPK permanent mount kit.

JetStream, JetStroke, AeroDync and All StreetHawk lightbars use UNPK permanent mount kit.

Hook-on Mounting: (refer to hook kit reference guide)

Vision and Vector models use VM-SB mounting brackets plus hook kit.

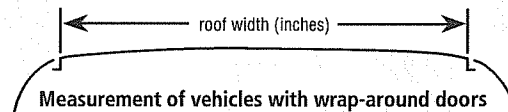
Vista models use XHKB-SC brackets plus hook kit.

AeroDync and All StreetHawk lightbars use UNHK mounting brackets plus hook kit.

JetStream and JetStroke use JNHK mounting brackets plus hook kit.

Notes

The hook kit reference guide is updated on an ongoing basis as information becomes available. Please check the hook kit reference guide online at www.fedsig.com for up-to-date vehicle and hook kit listings. For older vehicle make and model year hook kit offerings, please contact Customer Support at (800) 264-3578.





COMMON REPLACEMENT PARTS

Model	Description	List Price
Vision SLR		
Z1461855A-252	Harness, power/ground	\$118.50
Z1751575A-300	Cable, communication, external	77.25
Z2005639B	Controller replacement board	425.00
Z8652106B	Dome, POD, Clear	35.00
Z8652249A-M4	POD assembly, multi-color	650.00
Z8652249A-XX	POD assembly, single-color (Amber, Blue, Red or White)	375.00
Z8652249A-G	POD assembly, single-color, Green	450.00
Valor		
Z1461855A-252	Harness, power/ground	\$118.50
Z1751575A-300	Cable, communication, external	77.25
Z2005653A	Controller replacement board	225.00
Z8651101A	44", Lens Valor	150.50
Z8651114B	44", Metal cover	107.25
Z8651125A	44", Top cover pad	53.75
Z8651103A	51", Lens Valor	160.75
Z8651116A	51", Top cover pad	33.00
Z865100143A	Vortex generation kit	57.00
Legend / LPX / LPX Discrete		
Z1751357A-02	RS485, 25-ft Interface cable assembly	\$25.00
Z1751364B	Cable, Interface, 36"	50.00
Z8107169A	Bulb, GH8, Bi-pin alley/takedown light, 50W halogen	10.50
Z8107241A	Bulb, alley light, 35W, 10-degrees spot, MR-11	20.75
Z8583020B-01	Gasket, dome, Clear, 6-ft required per base, sold by the foot	10.00
Z8583446D	Interface module with cable assembly	339.00
Z8583469D	Serial interface module	275.00
Z8653100A	Base, end, Clear	44.00
Z8653101C	Dome, end, Clear; -02(Amber); -03(Blue); -04(Red)	45.00
Z8653102A	Base, center, Clear	25.75
Z8653103A-02	Dome, center, Amber; -03(Blue)	29.50
Z8653103C	Dome, center, Clear; -04(Red)	29.50
Raydian S2		
Z1751357A-02	RS485, 25-ft interface cable assembly	\$25.00
Z1751364B	Cable, interface, 36"	50.00
Z8572029C	Mounting pad, rubber	12.00
Z8583446D	Interface module with cable assembly	363.75
Z8654101D	Dome end and dome screws, Clear; -03(Blue); -04(Red)	70.50
Z8654113C	Dome, Raydian S2, HotFoot, passenger front/driver rear, Clear	18.50
Z8654114C	Dome, Raydian S2, HotFoot, passenger rear/driver front, Clear	18.50
Z8654228A	Lens, main bar, extruded, fits 42" lightbar	93.50
Z8654234B	Dome, seal, Raydian S2 only	26.25
Z8583469D	Serial interface module	285.25
Arjent S2		
Z1751357A-02	RS485, 25-ft Interface cable assembly	\$25.00
Z1751364A	Cable, interface, 36"	50.00
Z8107169A	Bulb, GH8, Bi-pin alley/takedown light, 50W halogen	10.50
Z8107241A	Bulb, alley light, 35W, 10-degrees spot, MR-11	20.75
Z8583218A	Dome, outboard, Clear; -01(Red); -02(Amber); -03(Blue)	59.75
Z8583219A	Dome, center, Clear; -01(Red); -02(Amber); -03(Blue)	59.75
Z8583446D	Interface module with cable assembly	339.00
Z8583469D	Serial interface module	275.00
Vector/Smart Vector		

COMMON REPLACEMENT PARTS |

Model	Description	List Price
Z2001128C	PC board, Smart Vector lightbar controller (software not included)	\$513.75
Z8107141A	Bulb, Smart Pod, Vision/Vision SL, 50W	11.00
Z8107A119A	Bulb, alley/takedown light, 50W	12.75
Z8440A265A-02	Bulb, rotator/oscillating light, 55W	12.75
Z8548A028A	Bulb, flashing light, 35W	18.00
Z8572001A	Dome, Vector/Vision/Vision SL/ViewPoint, Clear; -01(Red); -02(Amber); -03(Blue); -04(Green)	23.75
Z8573007A	Bulb, SignalMaster, 27W	4.50
Z8573229A-02	LED module/lens, Vector/Vision, SignalMaster, Amber LEDs, Clear lens	104.25
Z8573229A-05	LED module/lens, SignalMaster, Amber LEDs, Amber lens	104.25
Z8573180A	Reflector and terminal assembly, SignalMaster, Vision	15.50
Vision SL		
Z146863B	Cable, RJ11 telephone cable, 25-ft, all models	\$17.75
Z146903B	Cable assembly, RJ45, 25-ft	21.75
Z2005325C	PC board, Smart Pod, SignalMaster controller board	268.75
Z8572001A	Dome, Vector/Vision/Vision SL/ViewPoint, Clear; -01(Red); -02(Amber); -03(Blue); -04(Green)	23.75
Z8572101A	Smart Pod assembly, Vision/Vision SL, driver side, no dome	159.75
Z8572101A-02	Smart Pod assembly, Vision/Vision SL passenger side, no dome	159.75
Z8572191C-S	Amplifier assembly, Vision/Vision SL	864.25
Z8572294C	Legend inserts	10.50
Z8572311A-02	Control head, Vision/Vision SL	405.75
Z8572473B-VSL	PC board assembly	476.00
MNCT-SB	Microphone, noise-cancelling, PA/Radio	49.00
RMK	Kit, microphone extension, SmartSiren/Vision amplifiers	104.25
RMK-V	Kit, microphone extension with PA volume control, SmartSiren/Vision amplifiers	141.00
UPKM-3	Kit, Park Siren Deactivator module, all siren models	57.75
Z8654167A	6-LED Gen III, Solaris Assembly; -12(Amber); -14(Red)	189.00
Z8654167A-13	6-LED Gen III, Solaris Assembly, Blue	189.00
Z8654167A-15	6-LED Gen III, Solaris Assembly, White	189.00
Z8625159B-A	Cuda SignalMaster assembly, Amber	239.00
Vector SL/Smart Vector SL		
Z2005325C	PC board, SmartPod, SignalMaster controller board	\$268.75
Z8572001A	Dome, Vector/Vision/Vision SL/ViewPoint, Clear; -01(Red); -02(Amber); -03(Blue); -04(Green)	23.75
Z8572496A-SVS	PC board assembly, Smart Vector SL with SignalMaster, software included	319.25
Z8572496A-VC	PC board assembly with software, Vector SL	319.25
Z8654167A	6-LED, Solaris assembly, -12(Amber); -14(Red)	189.00
Z8654167A-13	6-LED, Solaris assembly, Blue	189.00
Z8654167A-15	6-LED, Solaris assembly, White	189.00
Z8654167A-16	6-LED, Solaris assembly, Green	189.00
Z8625159B-A	Cuda SignalMaster assembly, Amber	239.00



SmartSiren® Platinum

- FS Convergence Network compatible
- Simple Windows® based programming
- Total system diagnostics
- Provides serial communication to all ROC (Reliable Onboard Circuitry™) technology enabled lightbars
- Fourteen discrete and programmable outputs for non-serial products
- Eight auxiliary inputs
- Locking, rugged power connectors
- Familiar and functional control head design



CONVERGENCE
network

Model	Description	List Price
SSP3000	100/200W, programmable, diagnostic and full featured light and siren controller including SignalMaster, microphone included	\$1,699.00

Common Replacement Parts

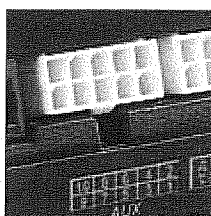
Z1751357A-02	RS485 cable, 25-ft	25.00
Z1751357A-06	Cable to link boards, 8"	10.00
Z1751530A	Cable assembly, amplifier control	80.00
Z1751532A	Cable assembly, ethernet	15.00
Z1751541A	Relay cable assembly	30.00
Z1751542A	Cable assembly, SignalMaster and input	30.00
Z1751543A	Cable, control head	20.50
Z258B577B-03	Replacement microphone	63.50
Z85361208A	Control head assembly, SSP3000	699.00
Z85361211A	Amplifier assembly, SSP3000	1,299.00
Z85361214A	Kit, accessory, SSP3000	24.00
Z85361215C	Kit, software, CD, SSP3000	43.50
Z8572294C	Legend inserts	10.00



Fourteen Relay Outputs

More than ever before.

SmartSiren Platinum has the flexibility for more control in your vehicle with up to 14 relay outputs.



SignalMaster Functionality

Form meets function.

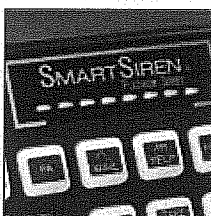
SmartSiren Platinum features four 3-amp auxiliary outputs and SignalMaster control outputs in the rear of the unit – plus four control inputs for additional automation.



Siren Control and Diagnostics

Total Control & Confirmation.

Easily accessible, the external volume adjustment for radio rebroadcast and public address is at your finger tips – and at a glance visual confirmation that power is being supplied to the unit.



Visual Communication

Improved visual communications.

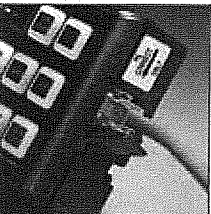
For convenient visual reference, the SmartSiren Platinum control system emulates the selected pattern of the SignalMaster operation.



Simple Siren Maintenance

Easy maintenance and trouble-shooting.

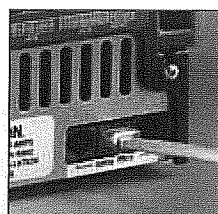
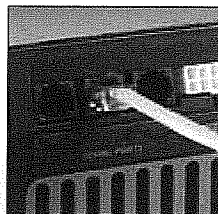
Finding short circuits and changing fuses for horns and sirens has never been simpler.



Smart Software / Fleet Management

Brilliance multiplied.

SmartSiren Platinum gives you the ability to clone an entire fleet of remote control head functions. Simply connect the SmartSiren to the PC and download the functions of the programmed software from one head to another...and another.



Serial Communication

Brilliantly simple Convergence Network.

Six plug-n-play serial ports on SmartSiren Platinum can be used with Federal Signal's unique Convergence Network for connection to the remote control head and all compatible lightbars and Federal Signal's Internal Lighting System.

CONVERGENCE
network

FS Convergence Products:

- Vision SLR
- Legend
- Arjent S2
- SpectraLux ILS
- Valor
- LPX
- PA300-CN
- CN SignalMaster

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

PA300-CN

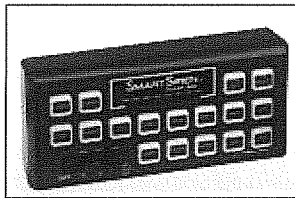
- 100/200-Watt siren with lighting and SignalMaster control capability
- Siren tones include: Wail, Yelp, Priority, Air Horn and Manual
- Programmable, remote control head with noise-cancelling microphone
- FS Convergence Network compatible



Model	Description	List Price
690200	PA300-CN, 100W/200W electronic siren and light controller with FS Convergence Network capability. Includes amplifier, control head, noise-cancelling microphone, serial relay module and hardware/accessory kit	\$999.00

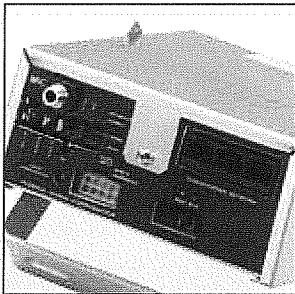
Common Replacement Part

Z85361208A-PA	Control head assembly, PA300-CN	699.00
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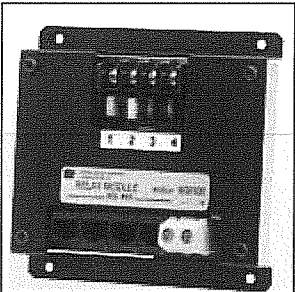
Control Head

- 17 push-buttons and 4-position slide-switch
- Programmable using configuration software
- Same control head as used in SmartSiren Platinum
- Capable of SignalMaster control in FS Convergence Network lightbars and SpectraLux ILS
- Four auxiliary inputs



Amplifier

- Traditional PA300 siren tones
- PA and radio rebroadcast with volume control
- TAPII horn ring transfer



Relay Module

- 4 Relay outputs (two 10-amp and two 15-amp) max not to exceed 40 amps
- Enables installer to connect discrete-wired lights and other equipment to the FS Convergence Network so they can be controlled by the siren control head



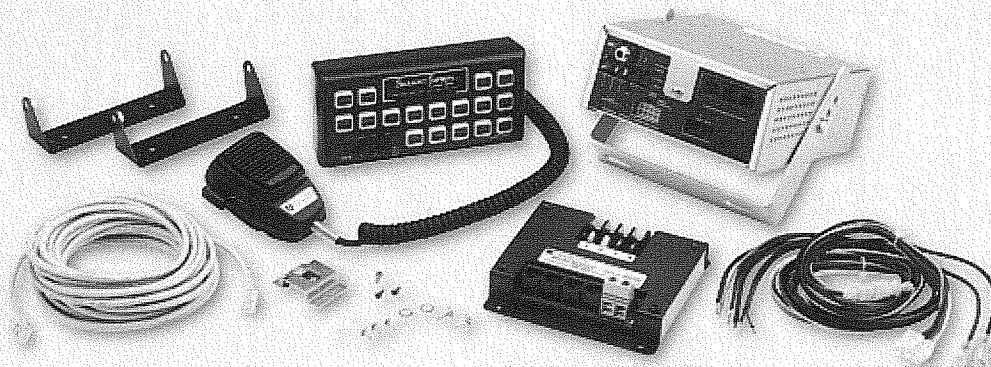
Serial Communication Brilliantly simple Convergence Network.

Plug-n-play serial ports on PA300-CN can be used with Federal Signal's unique Convergence Network for connection to the remote control head and all compatible lightbars and Federal Signal's Internal Lighting System.

CONVERGENCE » network «

FS Convergence Products:

- | | |
|--------------|-----------------------|
| - Vision SLR | - LPX |
| - Legend | - SpectraLux ILS |
| - Arjent S2 | - SmartSiren Platinum |
| - Valor | - CN SignalMaster |



690200



Rumbler®

- Intersection clearing system
- Upgrades user safety and siren effectiveness
- Can be used with most available siren products
- Vibrating tones provide feel with emergency warning sound
- Vehicle specific mounting brackets available for commonly used vehicles
- Ideal for use in highly populated urban environments



Model	Description	List Price
RUMBLER-3	Siren amp, Rumbler, secondary warning system, 12V, low frequency tones, hardware kit, housing bands and cradles	\$660.00

Accessories and Kits

RB-CVIC05	Kit, pair of mount brackets with hardware for Ford Crown Victoria police package vehicles	50.00
RB-CAP11	Kit, pair of mount brackets with hardware for 2011 and newer Chevrolet Caprice	125.00
RB-CRG11	Kit, pair of mount brackets with hardware for 2011 and newer Dodge Charger police package vehicles	50.00
RB-IMP08	Kit, pair of mount brackets with hardware for 2008 and newer Chevrolet Impala police package vehicles	50.00
RB-TAH08	Kit, pair of mount brackets with hardware for 2008 and newer Chevrolet Tahoe/Suburban vehicles	50.00
RB-EXP08	Kit, pair of mount brackets with hardware for 2008 and newer Ford Expedition vehicles	50.00
RB-FHD08	Kit, pair of mount brackets with hardware for 2008 and newer Ford F-250 Super Duty vehicles	50.00
RB-FPIS13	Kit, pair of mount brackets with hardware for 2013 Ford Interceptor Sedan	50.00
RB-FPIU13	Kit, pair of mount brackets with hardware for 2013 Ford Police Interceptor Utility	50.00

Common Replacement Parts

Z82831070B	Replacement woofer	105.00
Z82831071D	Kit, connector/bracket, Rumbler speaker	105.00
Z82831072A	Rumbler speaker	365.00
Z82831080A	Rumbler body	93.75
ZRUMBLER-2	Amp, RUMBLER-2	564.75

PA640

- Combined light/siren controls with PA and microphone
- 100-Watt SAE J1849 and Class A sound output
- Internal programmable siren functions
- Four-position progressive slide switch
- Six backlit and rubberized relay push-button switches
- Scrolling TAP II intersection clearing feature



Model	Description	List Price
640000	Siren, 640 Series, 100W, programmable slide switch and light control	\$606.25

Common Replacement Parts

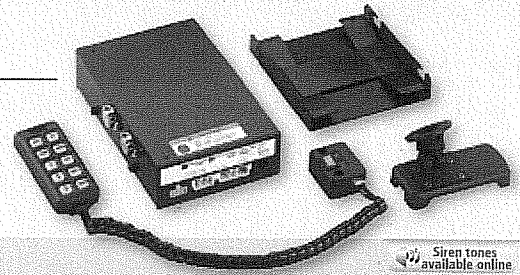
Z122374A	Slide switch	42.25
Z140338A-11	Connector, 11-position, right angle	17.00
Z141A102	Knob, gain control	4.25
Z141A111	Knob, function/tone selector	10.00
Z258B577B-03	Microphone replacement, 640 Series	63.50
Z8536C1041A	Knob, slide switch, plastic	10.00

Note

- California Code of Regulations (CCR) Title 13, Article 5 states "Electronic sirens shall have a wail function and may also have manual and yelp functions. No other function is permitted on sirens sold (in CA) after January 1, 1982, except for voice communications".

650 Series

- Full-featured 100-watt remote siren with PA and light control
- Integrated microphone and switch controls in handset
- Progressive push button control mimics slide switch action
- Eight 10-amp light and auxiliary relay positions



Siren tones
available online

Model	Description	List Price
650001	Siren, 650 Series, 100W, microphone push-button controlled, full-featured, Wail/no wail tone activation, (8) 10A relay outputs	\$535.00
650003	Siren, 650 Series, 100W, microphone push-button controlled, full-featured, Wail-to-Priority tone activation, (8) 10A relay outputs	555.00

Common Replacement Parts

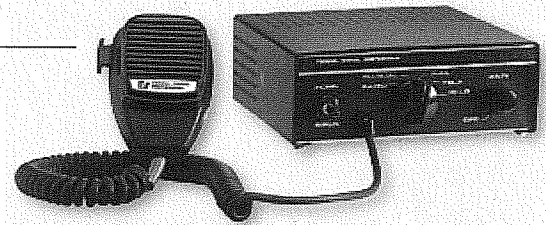
Z146903B	Cable assembly, RJ45, 25-ft	21.75
Z8615011A	Amplifier replacement, 100W, 650001	649.00
Z8615011A-03	Amplifier replacement, 100W, 650003	649.00
Z8615012A	Bracket, mounting/support, 650001	25.00
Z8615013A	Kit, cable harness	123.00
Z8615014A	Connection box	57.50
Z8615015A	Cable, controller	19.50
Z8615016A	Microphone and controller replacement, 650 Series	183.50
Z8615016A-03	Microphone, controller, 650003	183.50
Z8615017A	Mount, controller	29.00
Z8615018A	Kit, hardware, siren support	10.00
Z8615019A	Kit, connector, relay output	7.00

Note

- California Code of Regulations (CCR) Title 13, Article 5 states "Electronic sirens shall have a wail function and may also have manual and yelp functions. No other function is permitted on sirens sold (in CA) after January 1, 1982, except for voice communications".

PA300

- High-reliability with durable switching
- External PA gain control
- Full featured siren in compact package
- Built-in noise-cancelling microphone
- Easily accessible fuse protection
- Effective TAP II intersection clearing feature
- Meets Class A sound output requirements



Siren tones
available online

Model	Description	List Price
690000	100W, PA300-012MSC, hi-lo tone, hard-wired microphone	\$425.00
690002	100W, PA300-012MSCPTY, priority tone, hard-wired microphone	425.00
690009	200W, PA300-024MSC, hi-lo tone, hard-wired microphone, 24V	448.00
690010	200W, PA300-012MSC, hi-lo tone, hard-wired microphone	461.50

Accessories and Kits

761300	Kit, PA300 Series, adapter cable harness converts to new 690000 PA300 design	17.00
MNCT-SB	Microphone, noise-cancelling, PA/Radio	49.00
DSM	Kit, PA300 Series, bezel for dash mount	49.25

Common Replacement Parts

Z122376A	Switch, 690 Series, function/tone selector	18.75
Z122377A	Switch, 690 Series, air horn	15.00
Z125467A	Transistor, 690 Series, output	29.75
Z141A102	Knob, PA300, gain control	4.25
Z141A111	Knob, PA300, function/tone selector	10.00
Z1461360A	Wire harness, 690 Series, 4-ft length, 12VDC	43.50
Z258B577B-03	Microphone, PA300, use with 690 models	63.50
Z8537561A	Accessory kit, connectors, bracket, hardware	95.00

Notes

- To use Park Siren feature on '98 or newer Ford vehicles and '01 and newer Chevrolet vehicles, the UPKM-3 Park Siren Deactivator must be used (purchased separately).
- California Code of Regulations (CCR) Title 13, Article 5, states "Electronic sirens shall have a wail function and may also have manual and yelp functions. No other function is permitted on sirens sold (in CA) after January 1, 1982, except for voice communications".

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.



MS4000

- Mini-siren with intersection clearing tones
- Faceplate switching or remote control style
- Compact and easy to operate
- 100-Watt Class A and SAE sound output
- Great for undercover and administrative vehicles



Siren tones
available online

Model	Description	List Price
MS4000	MS4000 Mini-Siren, 100W, Air Horn, Manual, Wail, Yelp, Priority intersection tone	\$273.00
MS4000U	MS4000 Undercover, 100W, Air Horn, Manual, Wail, Yelp, Priority intersection, remote	285.00

Note

- California Code of Regulations (CCR) Title 13, Article 5 states "Electronic sirens shall have a wail function and may also have manual and yelp functions. No other function is permitted on sirens sold (in CA) after January 1, 1982, except for voice communications".

Touchmaster™ Delta/Touchmaster™

- Totally enclosed full-function featured sirens with PA available
- High current switching - up to 205-amps of total switching capacity
- Rugged high current (60 amp) slide switch
- Quick installation with marked wires and screw-down terminals
- Five tone intersection clearing sweep available
- Adjustable external PA volume controls
- Common microphone adapters allow both radio and siren to operate from a single microphone



Siren tones
available online

Model	Description	List Price
Touchmaster Delta, 58/110/200W		
UTMD	60A progressive slide switch, 205A switch capacity, Manual, Air Horn, Wail, Yelp, (5) Override/Sweep tones, (6) rubberized 20A accessory switches (5 latching, 1 momentary)	\$878.25
UTMD-MB	60A progressive slide switch, 205A switch capacity, Manual, Air Horn, Wail, Yelp, (5) Override/Sweep tones, (6) rubberized 20A accessory switches (5 latching, 1 momentary), microphone and bracket included	900.75
Touchmaster, 58/100/200W		
UTM1	35A switch capacity, (1) 15A warning light circuit, Manual, Wail, Yelp, Air Horn, (5) Sweep Tones	663.75
UTM3	80A switch capacity, (5) light circuits (60A), Horn Ring, Manual, Air Horn, Wail, Yelp, (5) Sweep Tones	971.75
UTM4	205A switch capacity, (5) light circuits (60A), (6) accessory switches, Manual, Air Horn, Wail, Yelp, (5) Sweep Tones	1,085.00
UTM4-1	160A switch capacity, (5) light circuits (60A), (4) accessory switches, Manual, Air Horn, Wail, Yelp, (5) Sweep Tones	1,069.25
UTMPA1	Siren/PA, Touchmaster, 100/200W, PA/Air Horn only	633.75
UTMPA6	PA/Air Horn, Touchmaster, 58/100W, 60A progressive slide switch, (4) on/off 20A accessory switches	829.00

Accessories and Kits

ULM10	Common microphone adapter, Touchmaster/Omega sirens, Motorola 9000/Syntor/Spectra radios	264.50
ULM16	Common microphone adapter, Touchmaster/Omega sirens, Motorola Maxtrac 300T/Radius/Astro radios	361.75
ULM19	Common microphone adapter, Touchmaster/Omega sirens, Motorola MCS2000 radios	379.25
UOP10	Kit, Touchmaster, dual mode amplifier modification	93.00
UOP-VLR	Kit, TouchMaster, flood switches for Valor	141.50
USGT	Kit, Gun Lock Timer, Touchmaster/Omega/80K	61.00
UMNCT-SB	Microphone, Omega/Touchmaster/80K, standard noise-cancelling	55.50
UPKM-3	Kit, Park Siren Deactivator module, all siren models	57.75
UOP100	Black out	73.50
HK-05	Knob, volume and mode	6.25
HK-07	Knob, master switch, replacement	14.25

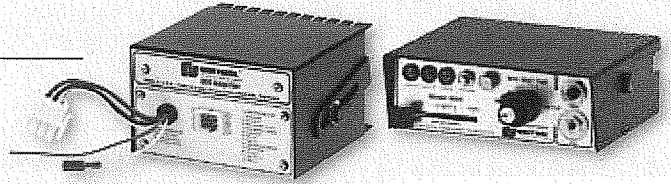
Notes

- To use the Park Siren feature on '98 and newer Ford vehicles and '01 and newer Chevrolet vehicles, the UPKM-3 Park Siren Deactivator must be used (purchased separately).
- California Code of Regulations (CCR) Title 13, Article 5 states "Electronic sirens shall have a wail function and may also have manual and yelp functions. No other function is permitted on sirens sold (in CA) after January 1, 1982, except for voice communications".
- Products are upgraded on a regular basis. Call the factory for other options or common microphone adapters.
- Option pricing applies to new orders. Retrofitting existing equipment will require an additional service charge.
- Most options require factory installation.
- Customer needs to specify radio used when ordering common mic adaptor.

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

80K

- Compact "plug-n-play" cable connectors for fleet-wide solutions
- Wide variety of control head and auxiliary switch choices
- Toughest high current (60 amp) slide switch available
- ACP (Automatic Component short circuit Protection)
- No battery drain in standby mode



Model	Description	List Price
U180K	Undercover/motorcycle, UM180K controller, UMCO29, CO63 pigtail, (1) warning light control circuit	\$754.75
U183K-15	Undercover, UM183K controller, 80K amp, UMCO30-15, UCAR-183K, CO63 pigtail, (4) warning light circuits, 15-ft cable length	874.75
U280K-15	UM280K controller, 80K amp, UMCO30-15 cable, CO60 pigtail, (1) warning light control circuit, 15-ft cable length	1,086.25
U280K-4	UM280K controller, 80K amp, UMCO30-4 cable, CO60 pigtail, (1) warning light control circuit, 4-ft cable length	1,038.50
U480K-15	100/200W, 60A, UM480K controller, UM80K amp, (5) warning light control circuits, 15-ft cable harness	1,286.25
U480K-4	100/200W, 60A, UM480K controller, UM80K amp, (5) warning light control circuits, 4-ft cable harness	1,222.50
U480K-SU	100/200W, 60A, UM480K controller, UM80K amp, (5) warning light control circuits	1,139.00

Amplifier

UM80K	80K Series, 100/200W	673.75
UDMK	80K Series, dual mode siren with cable	742.25

Controllers

UM180K	80K, (1) amplifier warning light control circuit	82.00
UM183K	80K, (3) 20A warning light control circuits	328.25
UM280K	80K, PA, (3) 20A warning light circuits	483.50
UM480K	80K, PA, (5) 20A warning light circuits	510.75

Cables

UCAR-183K	80K, remote microphone/PA connection, 183K controller	108.50
UCARK	80K, remote microphone jack, 180K controller	67.75
UMCO30-4	80K, amplifier to controller connection, 4-ft cable length	78.75
UMCO30-15	80K, amplifier to controller connection, 15-ft cable length	121.50
UMCO30T	80K, dual mode amplifier to controller connection	64.75
UMCO29	80K, connects amplifier to (1) 80K controller	38.25

Custom Auxiliary Switches

AC3	Switchpack controller, 80K, (3) 20A on/off or momentary switch options	141.50
AC4	Switchpack controller, 80K, (4) 20A on/off or momentary switch options	155.25

Accessories and Kits

UPA1	Kit, 80K, public address microphone	153.00
UPA2	Kit, 80K, public address microphone specific to 183K controller	153.00
UPKM-3	Park Siren Deactivator	57.75
UMNCT-SB	Microphone, 80K/Omega/Touchmaster standard noise-cancelling	55.50
USGT	Gun lock timer 80K/Omega/Touchmaster	61.00

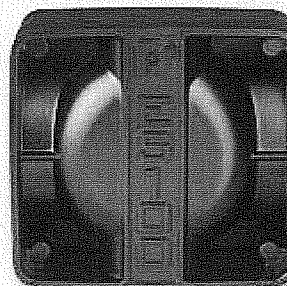
Notes

- To use the Park Siren feature on '98 and newer Ford vehicles and '01 and newer Chevrolet vehicles, the UPKM-3 Park Siren deactivator must be used (purchased separately).
- California Code of Regulations (CCR) Title 13, Article 5 states "Electronic sirens shall have a wail function and may also have manual and yelp functions. No other function is permitted on sirens sold (in CA) after January 1, 1982, except for voice communications".



DynaMax®/ES100

- Features Neodymium driver for increased dependability
- Quick, easy and cost efficient installations
- 100-Watt high output power
- Black, corrosion-resistant aluminum housing
- Sound output meets SAE J1849 and Class A
- Compact size: 5.9"W x 5.5"H x 2.7"D / 5.5 lbs
- Vehicle specific mounting brackets available for most commonly used vehicles



Model	Description	List Price
ES100	Speaker, ES100/DynaMax, 100W, high output, compact, Class A	\$299.00
ES100-DEU	Speaker, ES100/DynaMax, 100W, high output, compact, Class A, with Deutsch connector	314.00

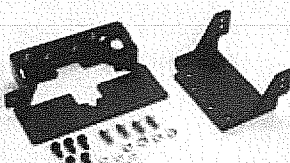
Note

- Speakers noted as Class A meet CCR, Title 13, Class A, and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier.

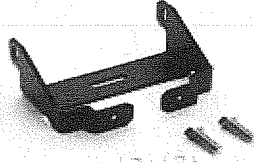
DynaMax®/ES100 Brackets



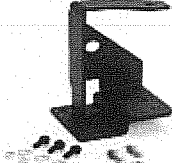
ESB-U **\$30.00**
Universal bail bracket, all vehicles



ESB-V08 **\$30.00**
Ford CVPI, '02-'11



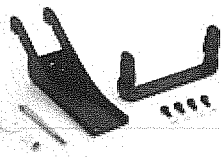
ESB-TAH08 **\$30.00**
Chevrolet Tahoe, '03-'13



ESB-IMP08R **\$30.00**
Chevrolet Impala, '06-'12



ESB-EXP07 **\$30.00**
Ford Expedition, '07-'08 and 2013 Ford Police Interceptor Utility



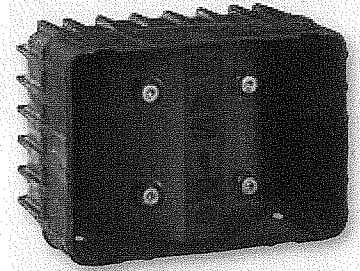
ESB-CAP11 **\$30.00**
Chevrolet Caprice, '11-'12



ESB-TAR11 **\$30.00**
'11-'12 Ford Taurus, '11-'12 Dodge Charger and 2013 Ford Police Interceptor Sedan

AS124

- Economically priced and full 100-watt output power
- Field-replaceable neodymium driver
- Moisture, heat and corrosion-resistant PET housing
- Sound output meets SAE J1849 and Class A
- 7.7"W x 5.7"H x 4.45"D / 6.5 lbs



Model	Description	List Price
750501	Speaker, 100W, with universal mount bolts and hardware, high output, Class A	\$195.00

Accessories and Kits

750501-00	Mounting bracket, no grille removal, '02-'11 Ford Crown Victoria Interceptor	40.00
750501-02	Mounting bracket, no grille removal, '06-'12, Chevrolet Impala	40.00
750501-03	Mounting bracket, no grille removal, '11-'12 Ford Expedition	40.00
750501-04	Mounting bracket, no grille removal, '11-'12 Dodge Charger and 2013 Ford Interceptor Sedan	40.00
750501-05	Mounting bracket, no grille removal, '11-'12 Chevrolet Caprice	40.00
750501-06	Mounting bracket, no grille removal, '12 Chevrolet Tahoe	40.00

Common Replacement Parts

Z8280090A	Driver, AS124	199.00
Z8556120B	Kit, BP100/BP200/AS124, speaker head	165.00
Z8650106A	Housing assembly with labels, AS124	75.00

Note

- Speakers noted as Class A meet CCR, Title 13, Class A, and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier.

TS100-N

- Highly-efficient Neodymium driver
- Weather-resistant housing
- Full 100-watt output power
- Sound output meets SAE J1849 and Class A



Model	Description	List Price
TS100-N	Speaker, 100W, high-output, standard bracket, Class A	\$225.00

Common Replacement Parts

Z8470D118	Projector, molded plastic, TS100-N, Black	25.25
Z8556082C	Kit, speaker head, TS100-N/CP100	165.00
Z8556B096A	Cone, 3.25", Black, TS100/TS100-N	25.75
Z8619145A	Driver, TS100-N	199.00

Note

- Speakers noted as Class A meet CCR, Title 13, Class A, and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier.



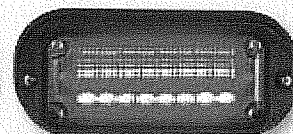
EXTERIOR MOUNT / PERIMETER WARNING LIGHTS

Viper® EXT

- High-output Solaris® LED reflector technology
- Wide angle lens for better off-axis warning
- Wide variety of synchronized patterns
- Models come standard with Black bezel
- LEDs offered in Amber, Blue, Red and White



VPX800-4



VPX800-3

Model	Description	List Price
Clear off-axis lens		
VPX800-2	(8) high-powered LEDs, Amber	\$185.00
VPX800-3	(8) high-powered LEDs, Blue	185.00
VPX800-4	(8) high-powered LEDs, Red	185.00
VPX800-5	(8) high-powered LEDs, White	210.00
Colored off-axis lens		
VPX802-2	(8) high-powered LEDs, Amber	185.00
VPX802-3	(8) high-powered LEDs, Blue	185.00
VPX802-4	(8) high-powered LEDs, Red	185.00

Model	Description	List Price
Accessory		
VPXM-1	Chrome bezel, all models	15.00
Common Replacement Part		
Z8613144B	Lens, fluted, Clear; -A(Amber); -B(Blue); -R(Red)	15.00

IPX6 IMPAXX®

- SpectraLux™ multicolor LED technology
- Available in 6-LED, 12-LED or 18-LED versions
- 23 Flash patterns available
- High-output Solaris® LED reflector technology
- Fully encapsulated waterproof housing
- LEDs offered in Amber, Blue, Green, Red and White



PX600-W



PX600-R



PX600-A

PX600-B

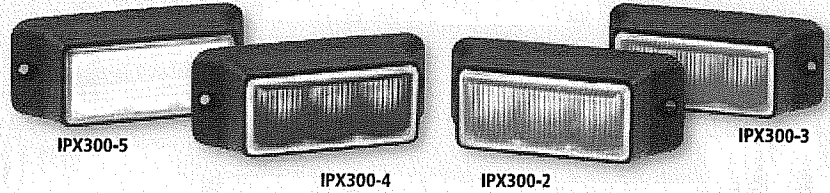
Model	Description	List Price
Single color, Clear off-axis lens, horizontal mount		
IPX600-A	(6) Amber LEDs	\$145.00
IPX600-B	(6) Blue LEDs	145.00
IPX600-G	(6) Green LEDs	199.00
IPX600-R	(6) Red LEDs	145.00
IPX600-W	(6) White LEDs	199.00
Single color, Colored off-axis lens, horizontal mount		
IPX602-A	(6) Amber LEDs	145.00
IPX602-B	(6) Blue LEDs	145.00
IPX602-R	(6) Red LEDs	145.00
Single color, Clear off-axis, vertical mount		
IPX603-A	(6) Amber LEDs	145.00
IPX603-B	(6) Blue LEDs	145.00
IPX603-R	(6) Red LEDs	145.00
IPX603-W	(6) White LEDs	199.00
Single color, Colored off-axis lens, vertical mount		
IPX604-A	(6) Amber LEDs	145.00
IPX604-B	(6) Blue LEDs	145.00
IPX604-R	(6) Red LEDs	145.00

Model	Description	List Price
Dual color, Clear off-axis lens, horizontal mount		
IPX620-BA	(12) LEDs, Blue/Amber	165.00
IPX620-BR	(12) LEDs, Blue/Red	165.00
IPX620-BW	(12) LEDs, Blue/White	165.00
IPX620-RA	(12) LEDs, Red/Amber	165.00
IPX620-RW	(12) LEDs, Red/White	165.00
IPX620-WA	(12) LEDs, White/Amber	165.00
Dual color, Clear off-axis lens, vertical mount		
IPX623-BR	(12) LEDs, Blue/Red	165.00
IPX623-BW	(12) LEDs, Blue/White	165.00
IPX623-RA	(12) LEDs, Red/Amber	165.00
IPX623-RW	(12) LEDs, Red/White	165.00
IPX623-WA	(12) LEDs, White/Amber	165.00
Triple color, Clear off-axis lens, horizontal mount		
IPX630-BRA	(18) LEDs, Blue/Red/Amber	195.00
IPX630-BRW	(18) LEDs, Blue/Red/White	195.00
Triple color, Clear off-axis lens, vertical mount		
IPX633-BRA	(18) LEDs, Blue/Red/Amber	195.00
IPX633-BRW	(18) LEDs, Blue/Red/White	195.00

Accessory		
IPX6M-1	Chrome bezel, for all models	15.00

IPX3 IMPAXX®

- High-output Solaris® LED reflector technology
- Fully encapsulated waterproof housing
- Wide angle lens for better off-axis warning
- Center focus lens also available
- Wide variety of synchronized patterns
- LEDs offered in Amber, Blue, Green, Red and White



Model	Description	List Price
	Clear lens, advanced off-axis lens	
IPX300-2	(3) high-powered LEDs, Amber	\$105.00
IPX300-3	(3) high-powered LEDs, Blue	105.00
IPX300-4	(3) high-powered LEDs, Red	105.00
IPX300-5	(3) high-powered LEDs, White	105.00
IPX300-6	(3) high-powered LEDs, Green	125.00
	Clear lens, center focused lens	
IPX310-2	(3) high-powered LEDs, Amber	105.00
IPX310-3	(3) high-powered LEDs, Blue	105.00
IPX310-4	(3) high-powered LEDs, Red	105.00
IPX310-5	(3) high-powered LEDs, White	105.00
IPX310-6	(3) high-powered LEDs, Green	125.00

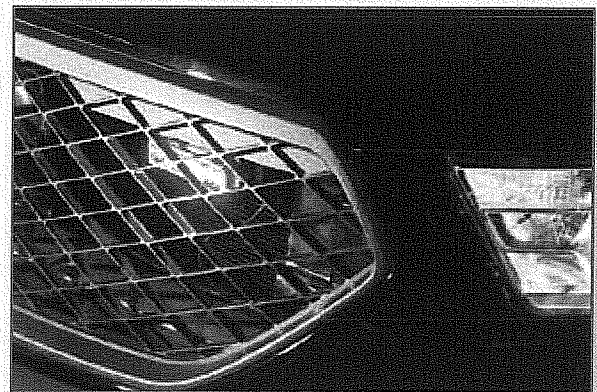
Model	Description	List Price
	Colored lens, advanced off-axis lens	
IPX302-2	(3) high-powered LEDs, Amber	105.00
IPX302-3	(3) high-powered LEDs, Blue	105.00
IPX302-4	(3) high-powered LEDs, Red	105.00
	Colored lens, center focused lens	
IPX312-2	(3) high-powered LEDs, Amber	105.00
IPX312-3	(3) high-powered LEDs, Blue	105.00
IPX312-4	(3) high-powered LEDs, Red	105.00
IPX312-6	(3) high-powered LEDs, Green	125.00

Accessory

IPXM-1	Chrome bezel, all models	15.00
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VPX802-4 and VPX802-3 mounted with IPX-PBL1 bracket in rear side window, on 2013 Ford Police Interceptor Sedan

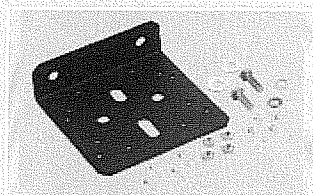


IPX620-BR mounted with IPX-GRL5 bracket in grille, on 2013 Ford Police Interceptor Sedan



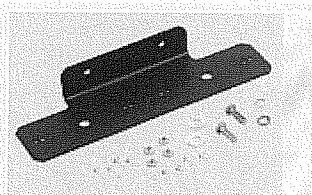
Two IPX620-BR mounted with IPX-RSW3 bracket in rear window, on 2013 Ford Police Interceptor Utility

Grille Brackets



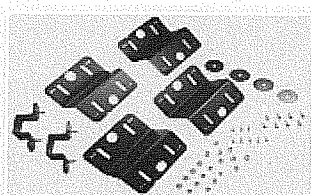
IPX-GRL1 \$19.75

IPX3/IPX6/VPX8, (1) grille brackets with hardware, vertical mount orientation, Ford Crown Victoria Police Package vehicles, 2002-11



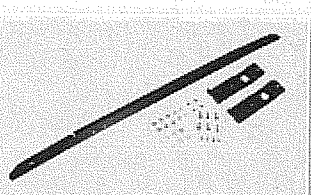
IPX-GRL2 \$19.75

IPX3/IPX6/VPX8, (1) grille brackets with hardware, horizontal mount orientation, Ford Crown Victoria Police Package vehicles, and Chevy Tahoe, 2002-11



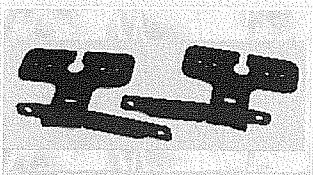
IPX-GRL3 \$19.00

IPX3/IPX6/VPX8, pair of grille brackets with hardware, Dodge Charger, 2011-12



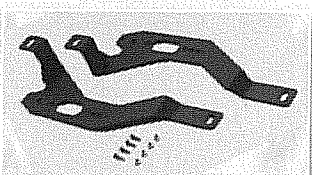
IPX-GRL4 \$19.00

IPX3-only, pair of grille brackets with each bracket holds (2) IPX3 light in a vertical orientation, Chevrolet Caprice, 2011-12



IPX-GRL5 \$19.00

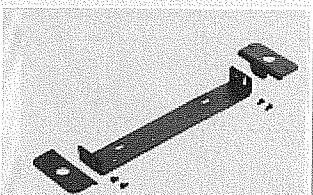
IPX3/IPX6/VPX8/MP5300/MP5600, pair of grille brackets with hardware, Ford Police Interceptor Sedan, 2013



IPX-GRL6 \$19.00

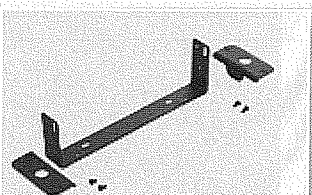
IPX3/IPX6/MP5300/MP5600, pair of grille brackets with hardware, Ford Police Interceptor Utility, 2013

License Plate Brackets



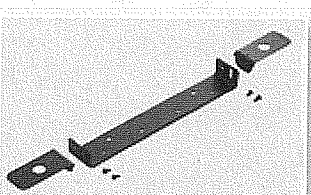
IPX-LPV1 \$25.00

IPX3/IPX6/VPX8, flat surface license plate mount, various vehicles without recessed plate mounting locations



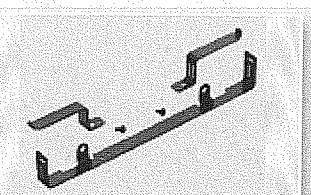
IPX-LPVX1 \$25.75

IPX3/IPX6/VPX8, extended license plate bracket for vehicles with a recessed license plate mount location including but not limited to the Ford Crown Victoria Police Package, 2002-2011



IPX-LPH1 \$25.00

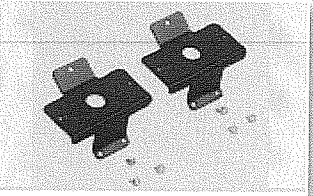
IPX3/IPX6/VPX8/MP53, generic high side license plate holder with horizontal mount tab on each side, fits most vehicles



IPX-LPF1 \$30.00

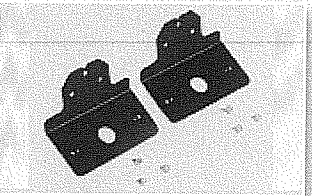
IPX3 only, generic low side license plate holder for horizontal IMPAXX install, fits most vehicles

Trunk Lid Brackets



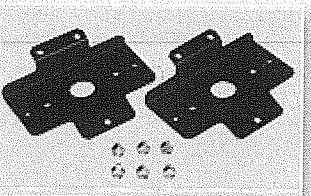
IPX-TRNK1 \$25.75

IPX3/IPX6/VPX8, pair of inner trunk lid brackets with hardware, Ford Crown Victoria Police Interceptor package, 2002-11



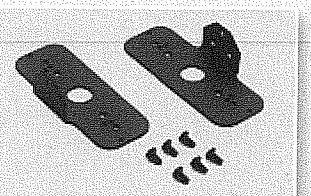
IPX-TRNK2 \$25.00

IPX3/VPX8, pair of inner trunk lid brackets with hardware, Dodge Charger, 2007-10



IPX-TRNK3 \$25.00

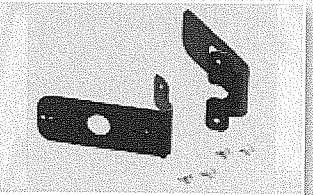
IPX3/IPX6/VPX8, pair of inner trunk lid brackets with hardware, Dodge Charger, 2011-12



IPX-TRNK4 \$25.00

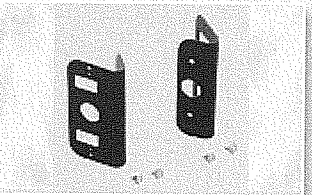
IPX3/IPX6/VPX8/MP5300/MP5600, pair of inner trunk lid brackets with hardware, Ford Police Interceptor Sedan, 2013

Push-bumper Brackets



IPX-PB45H \$25.00

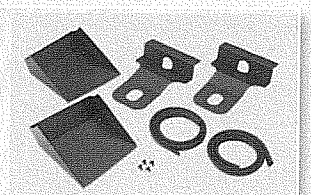
IPX3/IPX6/VPX8, pair of 45-degree slanted push bumper mounts with hardware, horizontal light orientation, fits most push bumpers



IPX-PB45V \$25.00

IPX3/IPX6/VPX8, pair of 45-degree slanted push bumper mounts with hardware, vertical light orientation, fits most push bumpers

HeadLiner Bracket

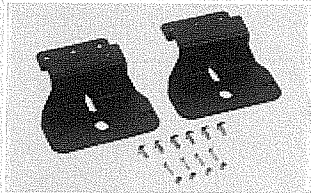


IPX6-HL1 \$90.00

IPX6, pair of headliner mount brackets, each holds (1) IPX6 light, Ford Police Interceptor Sedan, 2013

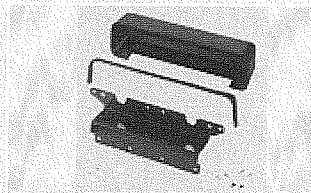


Rear Side Window Brackets



IPX-SW1 \$25.75

IPX3/VPX8, pair of rear side window mount brackets, Ford Crown Victoria Police Package vehicles, 2002-11



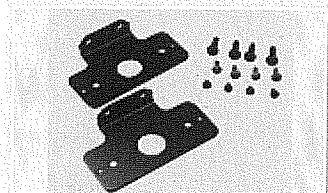
VPX-SW \$71.25

VPX8, pair of rear side window mount brackets, each bracket hold (2) Viper EXT lights with cover, late model Ford Crown Victoria Police Package vehicles



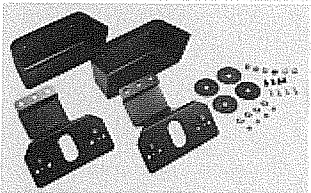
IPX-RDW2 \$69.00

IPX3/IPX6/VPX8, pair of rear side window mount brackets and covers, each bracket holds (2) IMPAXX or Viper Ext lights, Chevrolet Caprice



IPX-ROW1 \$25.00

IPX3/IPX6, pair of rear side "Opera" window mount brackets, Chevrolet Caprice



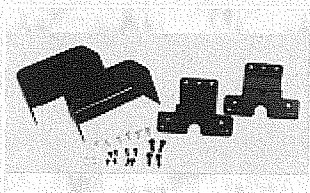
IPX-RSW1 \$69.00

IPX3/IPX6/VPX8, pair of rear side window mount brackets and covers, Dodge Charger



IPX-RSW2 \$69.00

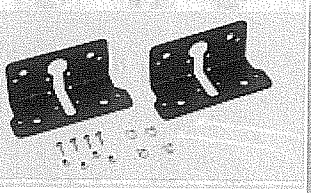
IPX3/IPX6/VPX8, pair of rear side window mount brackets and covers, Chevrolet Caprice



IPX-RSW3 \$69.00

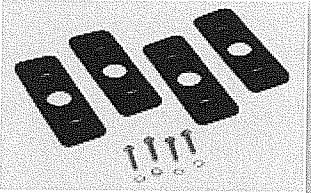
IPX3/IPX6/VPX8, pair of rear side window mount brackets, Ford Police Interceptor Utility, 2013

Universal Mount



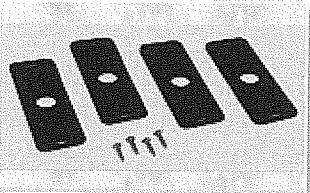
IPX-PBL1 \$25.00

IPX3/IPX6/VPX8, pair, universal "L" bracket, horizontal orientation



IPXM6-SPACRKT \$24.00

Kit of four 5-degree rubber mounting wedges for use with IPX6 lights without bezel



IPXM6B-SPACRKT \$24.00

Kit of four 5-degree rubber mounting wedges for use with IPX6 lights with bezel



IPX620-BR mounted with IPX-TRNK4 bracket inside trunk lid, on 2013 Ford Police Interceptor Sedan



IPX312-4 and IPX312-3 mounted with IPX-LPF1 bracket on license plate, on 2013 Ford Police Interceptor Sedan



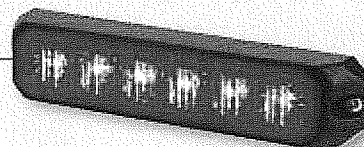
| EXTERIOR MOUNT / PERIMETER WARNING LIGHTS

MicroPulse™

- Multiple mounting options for various applications
- Superior warning with (3) or (6) high-powered LEDs
- Super slim design to offer wider range of mounting areas
- Single/multi-unit synchronization
- Three-year LED warranty



MPS300-B



MPS600-RR

Model	Description	List Price
MicroPulse 6		
Surface mount, 12-24 VDC		
MPS600-AA	6-LED lighthouse, Amber/Amber	\$142.00
MPS600-AW	6-LED lighthouse, Amber/White	142.00
MPS600-BA	6-LED lighthouse, Blue/Amber	142.00
MPS600-BB	6-LED lighthouse, Blue/Blue	142.00
MPS600-BW	6-LED lighthouse, Blue/White	142.00
MPS600-RB	6-LED lighthouse, Red/Blue	142.00
MPS600-RR	6-LED lighthouse, Red/Red	142.00
MPS600-RW	6-LED lighthouse, Red/White	142.00
MPS600-WW	6-LED lighthouse, White/White	142.00
Hood/Grille mount, 12-24 VDC		
MPS650-AA	6-LED lighthouse, Amber/Amber	142.00
MPS650-AW	6-LED lighthouse, Amber/White	142.00
MPS650-BA	6-LED lighthouse, Blue/Amber	142.00
MPS650-BB	6-LED lighthouse, Blue/Blue	142.00
MPS650-BW	6-LED lighthouse, Blue/White	142.00
MPS650-RB	6-LED lighthouse, Red/Blue	142.00
MPS650-RR	6-LED lighthouse, Red/Red	142.00
MPS650-RW	6-LED lighthouse, Red/White	142.00
MPS650-WW	6-LED lighthouse, White/White	142.00

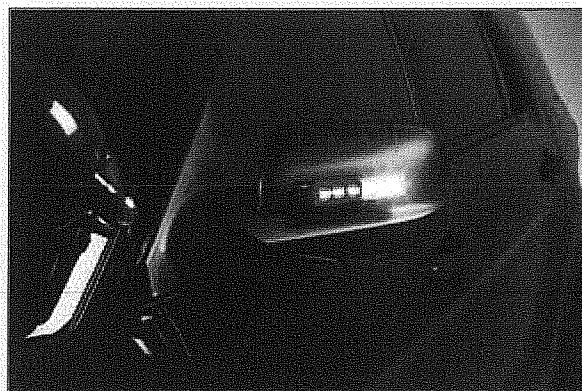
Model	Description	List Price
MicroPulse 3		
Surface mount, 12-24 VDC		
MPS300-A	3-LED lighthouse, Amber	97.00
MPS300-B	3-LED lighthouse, Blue	97.00
MPS300-R	3-LED lighthouse, Red	97.00
MPS300-W	3-LED lighthouse, White	97.00
Hood/Grille mount, 12-24 VDC		
MPS350-A	3-LED lighthouse, Amber	97.00
MPS350-B	3-LED lighthouse, Blue	97.00
MPS350-R	3-LED lighthouse, Red	97.00
MPS350-W	3-LED lighthouse, White	97.00



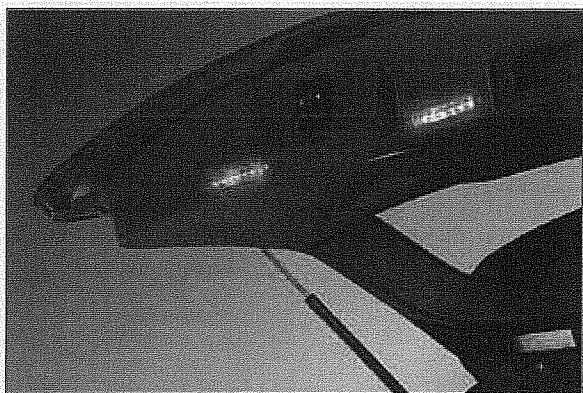
Six-head, Split color



MPS650-RW and MPS650-BW mounted on hood, on 2013 Ford Police Interceptor Utility



MPS600-RW mounted with MPSM6-SPACRKT bracket on side mirror, on 2013 Ford Police Interceptor Utility



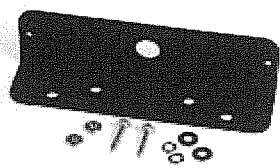
MPS600-AA and MPS600-BB mounted in rear hatch, on 2013 Ford Police Interceptor Utility



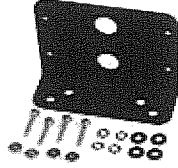
MPS300-R mounted in fog light, on 2013 Ford Police Interceptor Utility



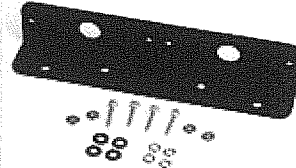
MicroPulse 3 Brackets



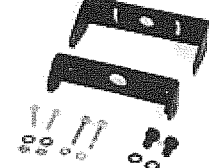
MPSM3-LB \$15.00
Generic L-Bracket for (1) MPS300



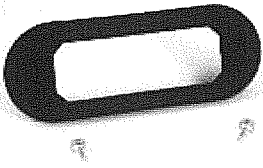
MPSM3-DS \$19.00
Generic L-Bracket for (2) MPS300, stacked



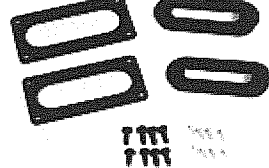
MPSM3-DL \$19.00
Generic L-Bracket for (2) MPS300, side-by-side



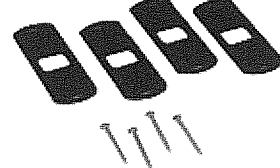
MPSM3-SB \$25.00
Swivel Mount Bracket for (1) MPS300



MPSM3-BOOT \$20.00
Rubber boot mount for (1) MPS300

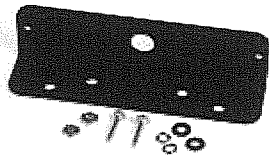


MPSM3-BOOTKIT \$50.00
(2) Rubber boot mounts, (2) mounting plates for (2) MPS300

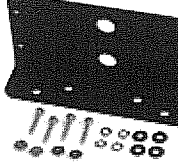


MPSM3-SPACRKT \$19.00
Kit of four 5-degree rubber mounting wedges for use with MPS300 lights

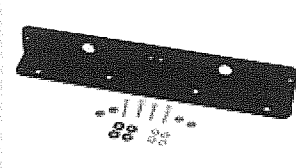
MicroPulse 6 Brackets



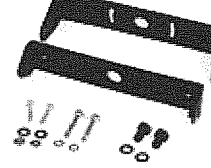
MPSM6-LB \$15.00
Generic L-Bracket for (1) MPS600



MPSM6-DS \$19.00
Generic L-Bracket for (2) MPS600, stacked



MPSM6-DL \$19.00
Generic L-Bracket for (2) MPS600, side-by-side



MPSM6-SB \$25.00
Swivel Mount Bracket for (1) MPS600



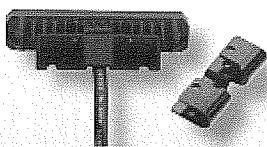
MPSM6-BOOT \$25.00
Rubber boot mount for (1) MPS600



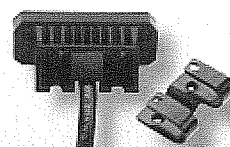
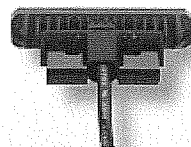
MPSM6-BOOTKIT \$55.00
(2) Rubber boot mounts, (2) mounting plates for (2) MPS600



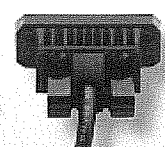
MPSM6-SPACRKT \$24.00
Kit of four 5-degree rubber mounting wedges for use with MPS600 lights



Hood/grille mount 6-LED



Hood/grille mount 3-LED





In-Line Corner LED Systems (416200)

- Built-in (19) selectable flash patterns
- Multiple units can be synchronized and can flash simultaneously or alternately
- Maintenance free
- Low-profile design
- Three-year warranty



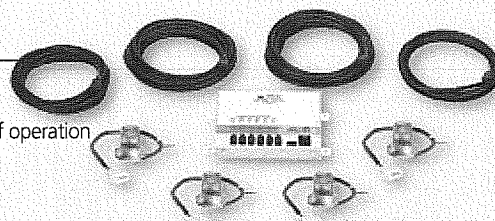
Model	Description	List Price
Two-head In-line Corner LED Systems: (2) LED heads with In-Line flasher and cables		
416200-22	Amber/Amber, (2) LED heads with In-Line flasher	\$255.00
416200-32	Blue/Amber, (2) LED heads with In-Line flasher	280.00
416200-33	Blue/Blue, (2) LED heads with In-Line flasher	305.00
416200-43	Red/Blue, (2) LED heads with In-Line flasher	280.00
416200-44	Red/Red, (2) LED heads with In-Line flasher	255.00
416200-55	Clear/Clear, (2) LED heads with In-Line flasher	305.00

Common Replacement Parts

416201-02	LED lighthouse, Amber	90.00
416201-03	LED lighthouse, Blue	115.00
416201-04	LED lighthouse, Red	90.00
416201-05	LED lighthouse, Clear	115.00
416205	Flasher with cable, 2-channel	78.75

Corner LED Systems (CLED)

- LED assemblies mount inside the headlight, taillight and back-up light housings
- Remote six-head flasher provides twenty-two flash patterns, front and rear cut-off and two modes of operation
- Amp or Deutsch connectors
- LEDs are available in Amber, Blue, Red and White
- All necessary hardware included



Model	Description	List Price
Two-head Kit: (2) single headlight assemblies with flasher and cables		
CLED2A-XX	(2) Single-head assemblies with AMP connectors, -A(Amber); -B(Blue); -R(Red); -W(Clear)	\$499.00
CLED2D-XX	(2) Single-head assemblies with Deutsch connectors, -A(Amber); -B(Blue); -R(Red); -W(Clear)	499.00
Four-head Kit: (4) single headlight assemblies with flasher and cables		
CLED4A-XXXX	(4) Single-head assemblies with AMP connectors, -A(Amber); -B(Blue); -R(Red); -W(Clear)	839.00
CLED4D-XXXX	(4) Single-head assemblies with Deutsch connectors, -A(Amber); -B(Blue); -R(Red); -W(Clear)	839.00
Four-head Kit for Heavy Duty Application: (4) single headlight assemblies with flasher and cables		
CLED4A-WWWW-16	(4) Single-head assemblies, Clear, (2) 16-ft cables	849.00
CLED4A-WWWW-HD	(4) Single-head assemblies, Clear, (2) 16-ft cables, (2) 30-ft cables	849.00
Six-head Kit: (6) single headlight assemblies with flasher and (6) cables		
CLED6A-WWWWRR	(6) Single-head assemblies with AMP connectors, (4) Clear, (2) Red	935.00
CLED6D-WWWWRR	(6) Single-head assemblies with Deutsch connectors, (4) Clear, (2) Red	935.00
CLED6A-WWWWWW	(6) Single-head assemblies with AMP connectors, Clear	935.00
CLED6D-WWWWWW	(6) Single-head assemblies with Deutsch connectors, Clear	935.00

Accessories and Kits

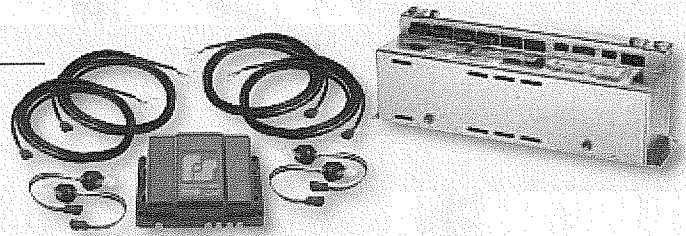
Flasher		
501903	Individual flasher, 6-Channel, Corner LED	181.00
Corner LED Cables (Amp connectors)		
413210	10-ft length	20.50
413216	16-ft length	34.00
413222B	25-ft length	40.50
413230	30-ft length	46.75
413251	50-ft length	60.00

Common Replacement Parts

Z8622158A-02	Bulb, Amp connector, Amber	199.00
Z8622158A-03	Bulb, Amp connector, Blue	199.00
Z8622158A-04	Bulb, Amp connector, Red	199.00
Z8622158A-05	Bulb, Amp connector, White	199.00
Z8622158A-22	Bulb, Deutsch connector, Amber	199.00
Z8622158A-23	Bulb, Deutsch connector, Blue	199.00
Z8622158A-24	Bulb, Deutsch connector, Red	199.00
Z8622158A-25	Bulb, Deutsch connector, White	199.00

Silver Series™ SLD Systems

- 460L and 660L have built-in LED flashers to synchronize LED modules with strobe head action
- Variety of flash patterns available
- Prioritized three-mode operation
- Industry standard connectors supplied with all units



Model	Description	List Price
Silver Series Strobe Power Supplies		
415205	SS2W, two-channel, Weatherpack connectors	\$169.25
415207	SS2A, two-channel, Amp connectors	140.50
416104	460L, four-head, 60W, synchronized LED Flasher	244.00
416106	660L, six-head, 60W, synchronized LED Flasher	256.75
416108	SS4A, four-head, 50W, multiple patterns, Weatherpack connectors	207.00
416109	SS4A, four-head, 50W, multiple patterns, Amp connectors	179.50
Strobe Systems/Kits		
416110B	(1) 460L, (4) Clear corner tubes, (2) 10-ft cables, (2) 25-ft cables	491.50
416111	(1) 460L, (4) Clear corner tubes, (2) 16-ft cables, (2) 30-ft cables	511.25
416118	(1) 660L, (4) Clear corner tubes, (4) 16-ft cables	491.50
416119B	(1) 660L, (4) Clear corner tubes, (2) 10-ft cables, (2) 25-ft cables	491.50
416120	(1) 660L, (4) Clear corner tubes, (2) 16-ft cables, (2) 30-ft cables	511.25
416125B	(1) SS4A, (4) Clear corner tubes, (2) 10-ft cables, (2) 25-ft cables	342.75
416127	(1) SS4A, (4) Clear corner tubes, (2) 16-ft cables, (2) 30-ft cables	375.25
416129	(1) SS4A, (4) Clear corner tubes, (4) 16-ft cables	342.75
416139	(1) SS2A, (2) Clear corner tubes, (2) 16-ft cables	232.25
416140	(1) SS2A, (2) Clear corner tubes, (2) 30-ft cables	232.25
Weatherpack Systems		
416126	(1) SS4W, (4) Clear corner tubes, (2) 16-ft cables, (2) 30-ft cables	401.50
416128	(1) SS4W, (4) Clear corner tubes, (4) 16-ft cables	365.75
416132B	(1) SS4W, (4) Clear corner tubes, (2) 10-ft cables, (2) 25-ft cables	389.50
Strobe heads, AMP connectors		
413201	Corner strobe tube, Ricochet/Silver Series, 1" diameter rubber grommet, amp connector; -02(Amber); -03(Blue); -04(Red)	65.75
413201-05	Corner strobe tube, Ricochet/Silver Series, 1" diameter rubber grommet, amp connector, Clear	40.50
Strobe heads, Weatherpack connectors		
413300-02	Corner strobe tube, Silver Series, 1" diameter rubber grommet, Weatherpack connector, Amber	65.75
413300-05	Corner strobe tube, Silver Series, 1" diameter rubber grommet, Weatherpack connector, Clear	40.50
Strobe Cables		
413202	Kit, adapter cables, strobe power supply, (2) 12" cables	25.00
Cable kit, AMP connectors		
413210	10-ft cable length	20.50
413216	16-ft cable length	34.00
413222B	25-ft cable length	40.50
413230	30-ft cable length	46.75
413241	40-ft cable length	60.00
413251	50-ft cable length	60.00
Silver Series, cable kit, Weatherpack connectors		
413310	10-ft cable length	24.25
413316	16-ft cable length	38.75
413322B	25-ft cable length	46.75
413330	30-ft cable length	53.25
413350	50-ft cable length	61.75
Cable kit, AMP and Weatherpack connectors		
413410	10-ft cable length	23.00
413416	16-ft cable length	37.25
413422B	25-ft cable length	44.50
413430	30-ft cable length	50.25

Notes

- Power supplies with Weatherpack connectors are only compatible with cables and strobe heads with Weatherpack connectors.
- Purchase cables separately unless otherwise noted, one per strobe head.
- Equipment provided with Amp connectors unless being noted as Weatherpack.



CN SignalMaster™



CNSM8R-00004

- SpectraLux™ multicolor LED technology available in combinations of Amber, Blue, Red or White
- Solaris® LED assemblies for the highest optical efficiency
- Compatible with our Convergence Network sirens, the PA300-CN and SmartSiren Platinum
- A serial interface module is available for use with your existing light controller (sold separately)
- Available in 4-head or 8-head models
- Models available for both front and rear vehicle application
- White LED options can be used as takedowns, work lights, or flood lighting
- Built in SignalMaster™ available in rear models



Model	Description	List Price
4-Head Front Models, without interface module		
CNSM4F-00001	(2) Red LED reflectors, (2) Blue LED reflectors (alternating)	\$550.00
CNSM4F-00002	(4) Red/Blue LED reflectors	730.00
CNSM4F-00003	(4) Red/White/Blue LED reflectors	830.00
CNSM4F-00020	(1) Red LED reflector, (1) Red/White LED reflector, (1) Blue/White LED reflector, (1) Blue reflector	640.00
4-Head Rear Models, without interface module		
CNSM4R-00001	(2) Red LED reflectors, (2) Blue LED reflectors (alternating)	550.00
CNSM4RS-00001	(4) Red/White/Blue LED reflectors	830.00
CNSM4R-00002	(4) Red/Blue/Amber LED reflectors	830.00
8-Head Front Models, without interface module		
CNSM8F-00001	(4) Red LED reflectors, (4) Blue LED reflectors	925.00
CNSM8F-00002	(6) Red/Blue LED reflectors, (2) Red/White/Blue LED reflectors (takedowns)	1,335.00
CNSM8F-00004	(4) Red/White LED reflectors, (4) Blue/White LED reflectors	1,285.00
8-Head Rear Models, without interface module		
CNSM8R-00002	(8) Amber LED reflectors	925.00
CNSM8RS-00001	(6) Amber LED reflectors, (2) White LED reflectors (work lights)	1,015.00
CNSM8R-00004	(4) Red LED reflectors, (4) Blue LED reflectors	925.00
CNSM8R-00016	(4) Red/Amber LED reflectors, (4) Blue/Amber LED reflectors	1,285.00
CNSM8RS-RAB	(1) Red LED reflector, (6) Amber LED reflectors, (1) Blue LED reflector	1,045.00

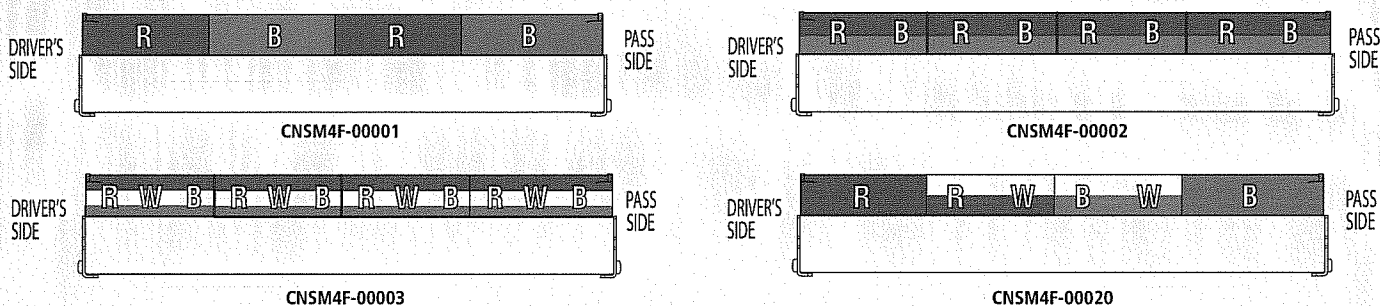
Accessories

CNSM-RBK1	Mount kit for installing CN SignalMaster in 2013 Ford Police Interceptor Utility, internal use only	25.75
CNSM-UM	Universal mount for installing CN SignalMaster, internal/external use	99.00

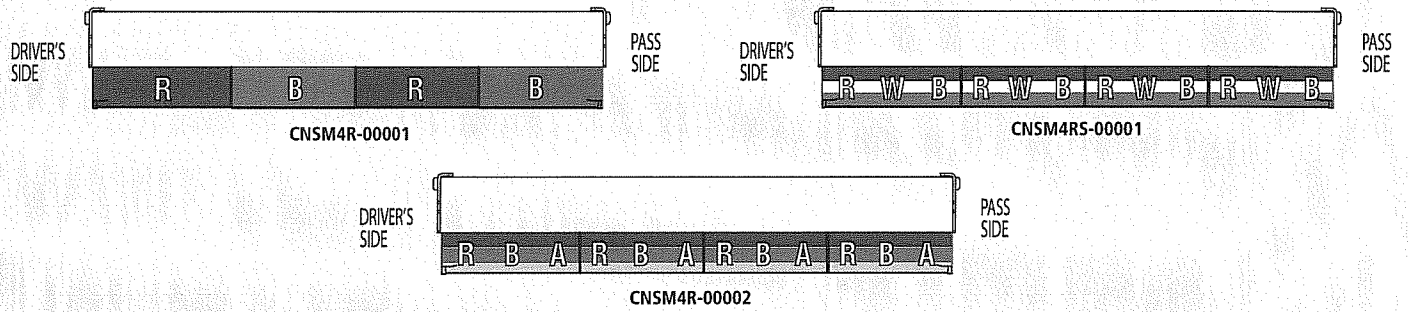
How to Order

Choose one of the popular models above, customize your own lightbar with our online configurator or contact a local Federal Signal representative or distributor.

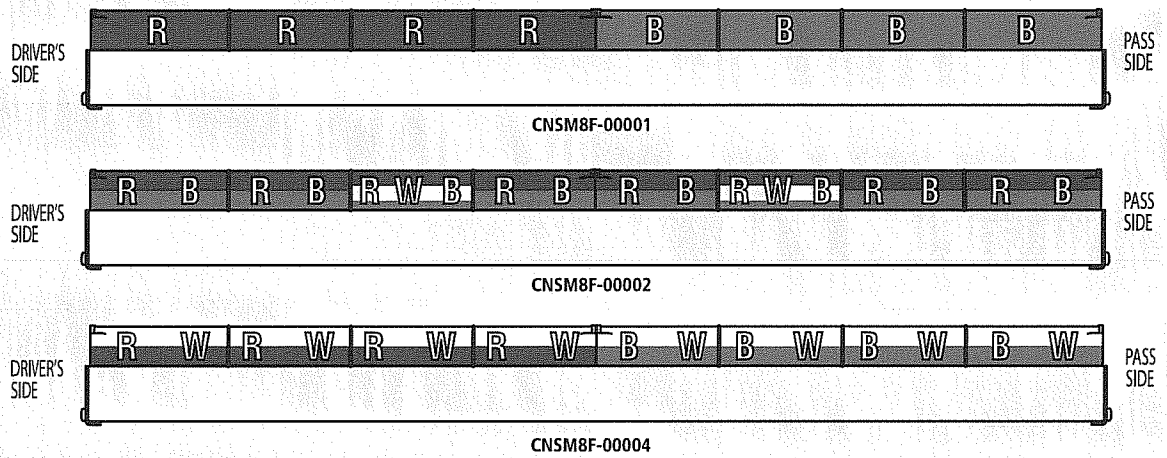
4 Head — Front of Vehicle



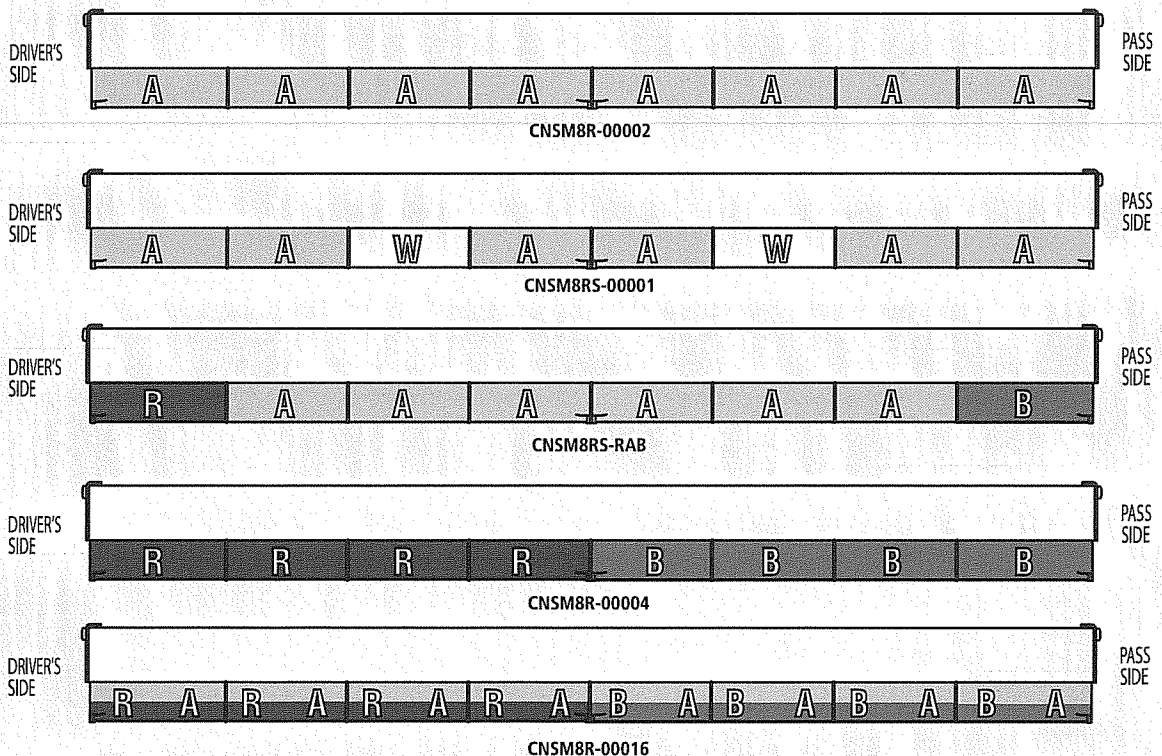
4 Head — Rear of Vehicle



8 Head — Front of Vehicle



8 Head — Rear of Vehicle





| DIRECTIONAL WARNING

VPX SignalMaster™



320862

- Viper EXT LED modules provide superior light intensity
- Extrusion is designed to block sunlight, increasing warning effectiveness
- Low amp draw, long life product

Model	Description	List Price
320810-RB	42", (8) lamp, 30-ft cable, R-A-A-A-A-A-B	\$1,254.75
320810-R4B4	42", (8) lamp, 30-ft cable, R-R-R-R-B-B-B	1,493.50
320810-RAR	42", (8) lamp, 30-ft cable, R-A-A-A-A-A-R	1,352.75
320810-BAB	42", (8) lamp, 30-ft cable, B-A-A-A-A-A-B	1,254.75
320842	20", (4) lamp, 30-ft cable, A-A-A-A	783.00
320852	31", (6) lamp, 15-ft cable, A-A-A-A-A	1,055.75
320862	31", (6) lamp, 30-ft cable, A-A-A-A-A	1,075.50
320866	31", (6) lamp, 60-ft cable, A-A-A-A-A	1,236.00
320872	42", (8) lamp, 15-ft cable, A-A-A-A-A-A-A	1,313.25
320882	42", (8) lamp, 30-ft cable, A-A-A-A-A-A-A	1,336.00
320886	42", (8) lamp, 60-ft cable, A-A-A-A-A-A-A	1,493.50
320892	51", (8) lamp, 30-ft cable, A-A-A-A-A-A-A	1,336.00
320893	51", (8) lamp, 50-ft cable, A-A-A-A-A-A-A	1,493.50
320893	51", (8) lamp, 50-ft cable, A-A-A-A-A-A-A	1,493.50

Common Replacement Parts

Z8613194A-01	Replacement module, Amber LEDs with Amber lens	259.00
Z8613194A-02	Replacement module, Blue LEDs with Blue lens	259.00
Z8613194A-03	Replacement module, Red LEDs with Red lens	259.00
Z8613194A-04	Replacement module, Amber LEDs with Clear lens	259.00
Z8613194A-05	Replacement module, Blue LEDs with Clear lens	259.00
Z8613194A-06	Replacement module, Red LEDs with Clear lens	259.00

LED SignalMaster™ Plus



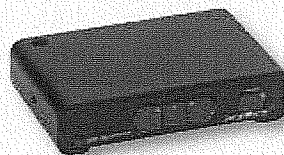
SMLED-PLS-8

- Individually sealed LED modules with wide-angle lens
- Sturdy aluminum extrusion
- Internal or external mounting applications
- Each LED module contains (3) high-powered LEDs

Model	Description	List Price
SMLED-PLS-6	28", (6) LED modules, 30-ft cable, Clear Lens with Amber LEDs	\$451.00
SMLED-PLS-8	37", (8) LED modules, 50-ft cable, Clear Lens with Amber LEDs	508.50

SignalMaster™ Controller

- Controls six or eight lamp directional lights
- Installer selectable flash patterns
- Tactile membrane keypad



330104



331105

Model	Description	List Price
330104-SB	Six or eight-lamp, 12 or 24V (multiple installer-selectable flash patterns, fuse protected)	\$253.50
331105-SB	Heavy Duty six or eight-lamp, 12 or 24V (slide switch, multiple installer-selectable flash patterns, heavy duty ground, fuse protected, controls two halogen SignalMasters simultaneously)	310.00

Common Replacement Parts

Z140325A-13	Plug, controller 330105	35.00
Z8536C1041A	Knob	10.00



SpectraLux™ Viper® S2

Available in Second Quarter, 2013

- SpectraLux™ multicolor LED technology available in combinations of Amber, Blue, Red or White
- Solaris LED reflector technology for better optical efficiency
- Single and dual light head models
- Cigarette plug with LED on/off switch and synchronized models
- Versatile mounting brackets with “snap-on” flash guard

Model	Description	List Price
Dual-Color, Single-head models with wire leads		
329152-RW	Red/White	\$205.00
329152-RB	Red/Blue	205.00
329152-BW	Blue/White	205.00
329152-AW	Amber/White	205.00
Three-Color, Single-head models with wire leads		
329153-RWB	Red/White/Blue	230.00
Dual-Color, Single-head models with cigarette plug*		
329102-RW	Red/White	205.00
329102-RB	Red/Blue	205.00
329102-BW	Blue/White	205.00
329102-AW	Amber/White	205.00

Model	Description	List Price
Dual-Color, Dual-head models with wire leads		
329252-RWRW	Red/White - Red/White	335.00
329252-RBRB	Red/Blue - Red/Blue	335.00
329252-BWBW	Blue/White - Blue/White	335.00
329252-AWAW	Amber/White - Amber/White	335.00
329252-RWBW	Red/White - Blue White	335.00
Three-color, Dual-head models with wire leads		
329253-RWBWB	Red/White/Blue - Red/White/Blue	360.00
Dual-Color, Dual-head models with cigarette plug*		
329202-RWRW	Red/White - Red/White	335.00
329202-RBRB	Red/Blue - Red/Blue	335.00
329202-BWBW	Blue/White - Blue/White	335.00
329202-AWAW	Amber/White - Amber/White	335.00
329202-RWBW	Red/White - Blue White	335.00

*Steady burn option not available in cigarette models

Viper® LC

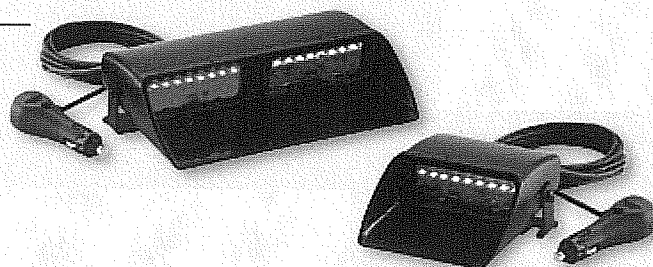
Available in Second Quarter, 2013

- Single and dual light head models with 6-LEDs per head
- Same wire harness and mounting hardware as Viper S2 models with wire leads
- Same flash patterns as Viper S2, except no “steady-on” pattern
- Patterns selectable by installer through wire leads
- Versatile mounting brackets with “snap-on” flash guard
- Can be used with same mounting brackets kits as Viper S2 models
- LEDs available in Amber, Blue, Red and White
- One-year warranty

Model	Description	List Price
Single-head models with wire leads		
329950-A	Amber	\$139.00
329950-B	Blue	139.00
329950-R	Red	139.00
Dual-head models with wire leads		
329950-RR	Red/Red	219.00
329950-BR	Red/Blue	219.00
329950-BB	Blue/Blue	219.00
329950-AA	Amber/Amber	219.00
329950-RW	Red/White	219.00
329950-RA	Red/Amber	219.00
329950-BW	Blue/White	219.00

Viper® S2

- Solaris® LED reflector technology provides bold blocks of light and superior off-axis warning capability
- Single and dual light head models
- Cigarette plug with LED on/off switch and synchronized models
- Simple push-button pattern control and 2-phase pattern synchronization
- Versatile mounting brackets with "snap-on" flash guard
- Library of more than twenty flash patterns
- LEDs available in Amber, Blue or Red



Model	Description	List Price
Single-head models with cigarette plug		
329000	-2(Amber); -3(Blue); -4(Red)	\$207.25
Single-head models with wire leads (synchronization capable)		
329001	-2(Amber); -3(Blue); -4(Red)	227.25
Dual-head models with cigarette plug		
329000-22	Amber/Amber	390.75
329000-23	Amber/Blue	390.75
329000-24	Amber/Red	390.75
329000-32	Blue/Amber	390.75
329000-33	Blue/Blue	390.75
329000-34	Blue/Red	390.75
329000-42	Red/Amber	390.75
329000-43	Red/Blue	390.75
329000-44	Red/Red	390.75

Model	Description	List Price
Dual-head models with wire leads (synchronization capable)		
329001-22	Amber/Amber	400.25
329001-23	Amber/Blue	400.25
329001-24	Amber/Red	400.25
329001-32	Blue/Amber	400.25
329001-33	Blue/Blue	400.25
329001-34	Blue/Red	400.25
329001-42	Red/Amber	400.25
329001-43	Red/Blue	400.25
329001-44	Red/Red	400.25

Accessories

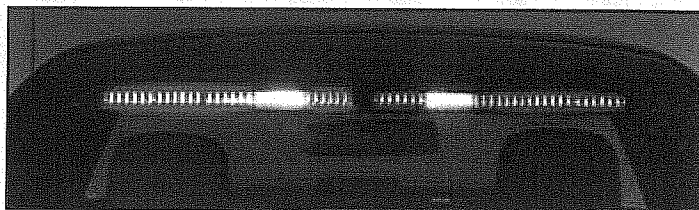
350701-01	Bracket, rear deck brake light/dual, Crown Victoria	25.00
350701-02	Bracket, rear view mirror/headliner/single, Crown Victoria and Chevy Tahoe	25.00
350701-03	Bracket, rear view mirror/headliner/dual, Crown Victoria and Chevy Tahoe	25.00
350701-04	Bracket, rear view mirror/headliner/single, 2013 Ford Interceptor Sedan and Utility	25.00
350701-05	Bracket, rear view mirror/headliner/dual, 2013 Ford Interceptor Sedan and Utility	25.00

[View Video Online](#)

S2LARIS

Solaris® ILS

- FS Convergence Network compatible
- Patented ROC (Reliable Onboard Circuitry™) technology
- Solaris® LED reflectors for superior optic performance
- Perfect for slicktop, highway and undercover applications
- Ultra bright White LED takedowns
- Built-in SignalMaster™ in rear models
- Front and rear models function together as a lightbar, offering front and rear cut-off along with dimming features
- LEDs offered in Amber, Blue, Red and White



Model	Description	List Price
Ford Interceptor Sedan		
ILSSF-00051	"Split" Front Headliner, (4) Red 6-LED reflectors, (4) Blue 6-LED reflectors, interface module	\$1,332.00
ILSSF-00044	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSPF-00025	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00
ILSFD-00294	Rear Deck, (5) Red 6-LED reflectors, (5) Blue 6-LED reflectors, splitter	1,490.00
ILSFD-00282	Rear Deck, (1) Red 6-LED reflector, (1) Blue 6-LED reflector, (8) Amber 6-LED reflectors, splitter	1,490.00
Ford Interceptor Utility		
ILSSF-00050	"Split" Front Headliner, (4) Red 6-LED reflectors, (4) Blue 6-LED reflectors, interface module	1,332.00
ILSSF-00043	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSPF-00026	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00
Dodge Charger		
ILSSF-00001	"Split" Front Headliner, (4) Red 6-LED reflectors, (4) Blue 6-LED reflectors, interface module	1,332.00
ILSSF-00007	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSPF-00002	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00
Chevrolet Caprice		
ILSSF-00030	"Split" Front Headliner, (4) Red 6-LED reflectors, (4) Blue 6-LED reflectors, interface module	1,332.00
ILSSF-00029	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSPF-00010	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00
ILSFD-00252	Rear Deck, (5) Red 6-LED reflectors, (5) Blue 6-LED reflectors, splitter	1,490.00
ILSFD-00253	Rear Deck, (1) Red 6-LED reflector, (1) Blue 6-LED reflector, (8) Amber 6-LED reflectors, splitter	1,490.00
Chevrolet Impala		
ILSSF-00053	"Split" Front Headliner, (4) Red 6-LED reflectors, (4) Blue 6-LED reflectors, interface module	1,332.00
ILSSF-00052	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSFD-00146	Rear Deck, (1) Red 6-LED reflector, (1) Blue 6-LED reflector, (8) Amber 6-LED reflectors, splitter	1,490.00
ILSFD-00101	Rear Deck, (5) Red 6-LED reflectors, (5) Blue 6-LED reflectors, splitter	1,490.00
ILSPF-00028	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00
Chevrolet Tahoe		
ILSSF-00008	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSPF-00004	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00
Ford Expedition		
ILSSF-00021	"Split" Front Headliner, (4) Red 6-LED reflectors, (4) Blue 6-LED reflectors, interface module	1,332.00
ILSSF-00019	"Split" Front Headliner, (2) LED takedowns, (3) Red 6-LED reflectors, (3) Blue 6-LED reflectors, interface module	1,372.00
ILSPF-00008	Passenger Side Front Headliner, (4) Blue 6-LED reflectors, interface module	866.00

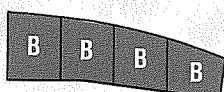
Notes

- Front headliner models listed include an interface module. All rear deck models listed include a splitter.
- The interface module and splitter are not needed, if controlled by a SSP3000 amplifier or PA300-CN.

Split Front Headliner



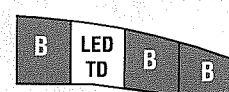
Caprice - ILSSF-00030
Charger - ILSSF-00001
Expedition - ILSSF-00021



Impala - ILSSF-00053
Interceptor Sedan - ILSSF-00051
Interceptor Utility - ILSSF-00050

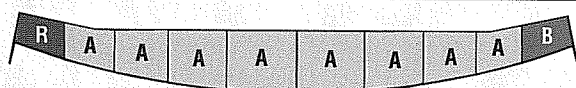


Caprice - ILSSF-00029
Charger - ILSSF-00007
Expedition - ILSSF-00019



Impala - ILSSF-00052
Interceptor Sedan - ILSSF-00044
Interceptor Utility - ILSSF-00043

Rear Deck



Charger - ILSFD-00242
Impala - ILSFD000146

Caprice - ILSFD-00253
Interceptor Sedan - ILSFD-00282

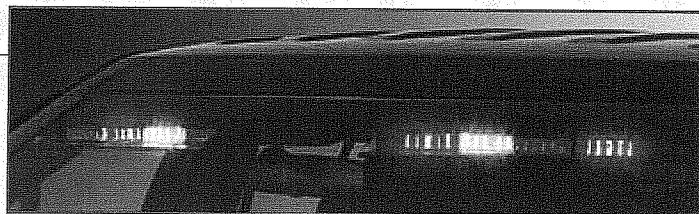


Charger - ILSFD-00259
Impala - ILSFD-00101

Caprice - ILSFD-00252
Interceptor Sedan - ILSFD-00253

SpectraLux™ ILS

- SpectraLux™ multicolor LED technology is available in combinations of Amber, Blue, Red or White
- Utilizes Solaris® LED reflectors for superior optic performance
- ROC (Reliable Onboard Circuitry™) technology reduces potential failure points
- Compatible with FS Convergence Network sirens
- Twenty-seven flash patterns
- Available in "Split" Front Headliner, Passenger Side Front Headliner and Rear Deck models



Online Lightbar Configurator CONVERGENCE network SpectraLux ROC 400-474

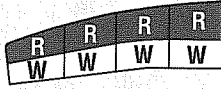
Model	Description	List Price
Ford Interceptor Sedan		
SILSS-00020	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	\$1,300.00
SILSS-00028	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
SILSP-00025	Passenger Side Front Headliner, (3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module	744.00
SILSP-00009	Passenger Side Front Headliner, (4) 4" Blue/White LED reflectors, interface module	879.00
SILSD-00023	Rear Deck, (1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter	1,759.00
Ford Interceptor Utility		
SILSS-00021	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	1,300.00
SILSS-00029	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
SILSP-00026	Passenger Side Front Headliner, (3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module	744.00
SILSP-00010	Passenger Side Front Headliner, (4) 4" Blue/White LED reflectors, interface module	879.00
Dodge Charger		
SILSS-00016	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	1,300.00
SILSS-00024	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
SILSP-00021	Passenger Side Front Headliner, (3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module	744.00
SILSP-00005	Passenger Side Front Headliner, (4) 4" Blue/White LED reflectors, interface module	879.00
SILSD-00021	Rear Deck, (1) 4" Red reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter	1,759.00
Chevrolet Caprice		
SILSS-00015	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	1,300.00
SILSS-00023	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
SILSP-00020	Passenger Side Front Headliner, (3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module	744.00
SILSP-00004	Passenger Side Front Headliner, (4) 4" Blue/White LED reflectors, interface module	879.00
SILSD-00020	Rear Deck, (1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter	1,759.00
Chevrolet Impala		
SILSS-00022	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	1,300.00
SILSS-00030	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
SILSP-00027	Passenger Side Front Headliner, (3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module	744.00
SILSP-00011	Passenger Side Front Headliner, (4) 4" Blue/White LED reflectors, interface module	879.00
SILSD-00022	Rear Deck, (1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter	1,759.00
Chevrolet Tahoe		
SILSS-00018	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	1,300.00
SILSS-00026	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
Ford Expedition		
SILSS-00019	"Split" Front Headliner, (3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module	1,300.00
SILSS-00027	"Split" Front Headliner, (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module	1,570.00
SILSP-00024	Passenger Side Front Headliner, (3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module	744.00
SILSP-00008	Passenger Side Front Headliner, (4) 4" Blue/White LED reflectors, interface module	879.00

Notes

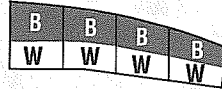
- Front headliner models listed include an interface module. All rear deck models listed include a splitter.
- The interface module and splitter are not needed if controlled by a SmartSiren Platinum or PA300-CN.

SpectraLux™ ILS

Split Front Headliner



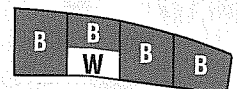
Caprice - SILSS-00023
Charger - SILSS-00024
Tahoe - SILSS-00026
Expedition - SILSS-00027



Interceptor Sedan - SILSS-00028
Interceptor Utility - SILSS-00029
Impala - SILSS-00030

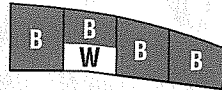


Caprice - SILSS-00015
Charger - SILSS-00016
Tahoe - SILSS-00018
Expedition - SILSS-00019



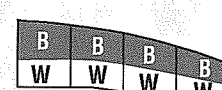
Interceptor Sedan - SILSS-00020
Interceptor Utility - SILSS-00021
Impala - SILSS-00022

Passenger-Side



Caprice - SILSP-00020
Charger - SILSP-00021
Tahoe - SILSP-00023
Expedition - SILSP-00024

Interceptor Sedan - SILSP-00025
Interceptor Utility - SILSP-00026
Impala - SILSP-00027



Caprice - SILSP-00004
Charger - SILSP-00005
Tahoe - SILSP-00007
Expedition - SILSP-00008

Interceptor Sedan - SILSP-00009
Interceptor Utility - SILSP-00010
Impala - SILSP-00011

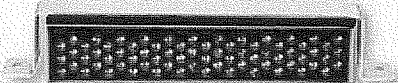
Rear Deck



Impala - SILSD-00022
Charger - SILSD-00021
Caprice - SILSD-00020
Interceptor Sedan - SILSD-00023

Opticom®

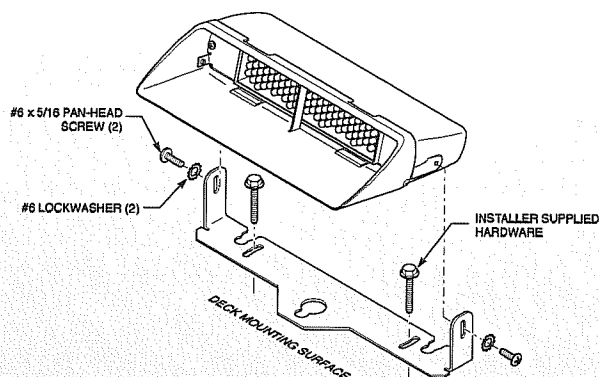
- Infrared LED and strobe traffic pre-emption emitters
- Internal-mount and external-mount emitter available
- Some models available with mounting brackets for attachment to FS lightbars



Model	Description	List Price
Opticom emitters		
794-AH	794 infrared LED emitter, suitable for external use	\$2,000.00
3M792H	792 strobe emitter, suitable for external use	2,039.00
795H-INT	795 infrared LED emitter/bracket for dash/deck mounting, suitable for internal use only	1,565.00
Opticom emitters with lightbar mounting brackets		
795H-EXT-VALRD	795H Opticom in sealed housing with bracket for "driver-side" mounting on Valor lightbars	2,399.00
795H-EXT-VALRP	795H Opticom in sealed housing with bracket for "passenger-side" mounting on Valor lightbars	2,399.00
795H-EXT-VD	795H Opticom in sealed housing with bracket for "driver-side" mounting on Vision SLR lightbars	2,399.00
795H-EXT-VP	795H Opticom in sealed housing with bracket for "passenger-side" mounting on Vision SLR lightbars	2,399.00
Accessory		
350701-03	Optional headliner mounting kit for 795H-INT	25.75

Note

- Opticom emitters must be mounted behind clear domes.



795H-INT

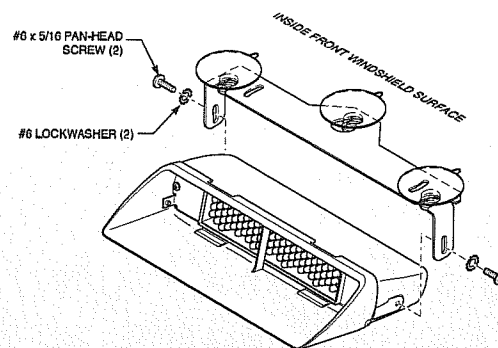
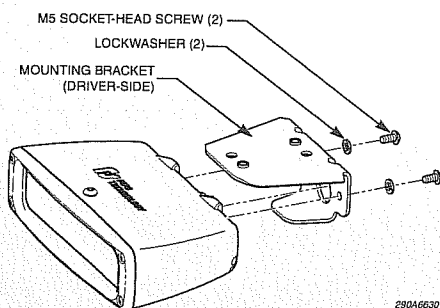
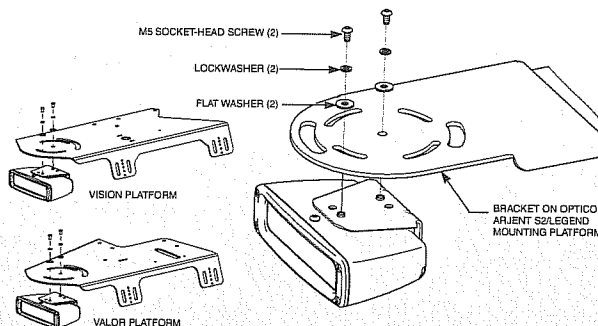


Figure 1 Bracket attached to Opticom (all lightbar platforms)



29046630

Figure 2 Opticom attached to Federal Signal mounting platforms

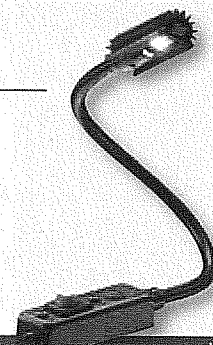


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795H-EXT

Littlite®

- Durable, high-quality lighting for a vehicle's console
- Flexible gooseneck allows easy movement
- Clear bright light with either rheostat or on/off switch controls
- LED or halogen models available
- LED units offer choice of Red or White light from toggle switch selector
- Red filters available



Model	Description	List Price
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LED LITTLITE MODELS

Neck extends from top of chassis, horizontal mount		
LF6MOTO-LED	6", Switch control, wired base, motorcycle application	\$152.25
LF12TSB-LED	12", On/Off switch control, wired base	152.25
LF12TS-LED	12", On/Off switch control	152.25
LF18TSB-LED	18", On/Off switch control, wired base	152.25
LF18TS-LED	18", On/Off switch control	152.25

Neck extends from end of chassis, vertical mount		
LF12ES-LED	12", On/Off switch control	152.25
LF18ES-LED	18", On/Off switch control	152.25

HALOGEN LITTLITE MODELS

Neck extends from end of chassis, vertical mount		
LF6ESB	6", Switch control, wired base	63.50
LF12ER	12", Rheostat control	63.50
LF12ERB	12", Rheostat control, wired base	63.50
LF12ERC	12", Rheostat control, cigarette plug	63.50
LF12ES	12", On/Off switch control	63.50
LF12ESB	12", On/Off switch control, wired base	63.50
LF18ER	18", Rheostat control	63.50
LF18ERB	18", Rheostat control, wired base	63.50
LF18ERC	18", Rheostat control, cigarette plug	63.50
LF18ES	18", On/Off switch control	63.50
LF18ESB	18", On/Off switch control, wired base	63.50

Model	Description	List Price
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Neck extends from top of chassis, horizontal mount		
LF6MOTO	6", Switch control, wired base, motorcycle application	63.50
LF6TR	6", Rheostat control	63.50
LF6TRB	6", Rheostat control, wired base	63.50
LF12TR	12" Rheostat control	63.50
LF12TRB	12", Rheostat control, wired base	63.50
LF12TRC	12", Rheostat control, cigarette plug	63.50
LF12TS	12", On/Off switch control	63.50
LF12TSB	12", On/Off switch control, wired base	63.50
LF18TR	18", Rheostat control	63.50
LF18TRB	18", Rheostat control, wired base	63.50
LF18TS	18", On/Off switch control	63.50
LF18TSB	18", On/Off switch control, wired base	63.50

Common Replacement Parts

Z8550250A	Lamp, bi-pin	24.25
Z8550251A	Filter, Red; -01(Clear)	10.00
LFHK	Hood kit	13.75

Voice Gun

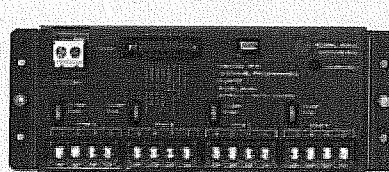
- High-power electronic megaphones
- Lightweight; less than 4-lbs each
- Trouble free, solid-state design



Model	Description	List Price
A12SA	16W, 1320-ft range, requires (8) AA batteries	\$674.50

Intelli-Flash® Flasher

- Specifically designed for use with auxiliary LED lighting
- Designed to perform in a variety of applications
- Can be used to synchronize multiple light heads



650302

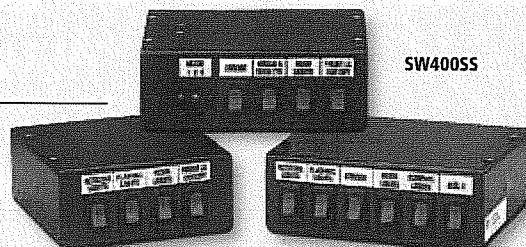


650201

Model	Description	List Price
Intelli-Flash series flashers (auxiliary lighting flashers — do not use for headlight or taillight applications)		
650201	(2) 6A loads, (8) flash patterns, ground-side switching	\$91.75
650202	(4) 4A loads, (8) flash patterns, ground-side switching	91.75
650205	(2) 10A loads, (10) flash patterns, high-side switching	113.75
650206	(2) 6A loads, (8) flash patterns, ground-side switching	91.75
650302	Fire/EMS application, K-spec compliant, zoning capable, 16 outputs, 40A total capacity, high-side switching	292.75
FA3-SC	90 FPM, (2) 10A loads, high-side switching	28.75

Switch Control

- Switching of up to seven auxiliary functions
- 20-Amp fuses and 20-amp switches are standard
- Standard, high current slide switch and non-slide switch models available
- Backlit or LED function identification
- Customized switch types available with Unitrol® models



SW200-012

SW300-012

Model	Description	List Price
SW200-012	SW200 Series, (4) 20A fused switches	\$199.00
SW200-024	SW200 Series, (4) 20A fused switches, 24V	205.00
SW30	SW30 Series, (3) 20A toggle switches on L bracket housing	44.00
SW300-012	SW300 Series, (1) 40A and (5) 20A fused switches	223.00
SW400SS	SW400 Series, slide control and (4) 20A switches	285.00
U330-5	Unitrol 330 Series, 60A slide-bar (1) 15A switch circuit	227.75
U330-55	Unitrol 330 Series, 60A slide-bar (2) 15A switch circuits	237.25
U330-5555	Unitrol 330 Series, 60A slide-bar (4) 15A switch circuits	251.25

Common Replacement Parts

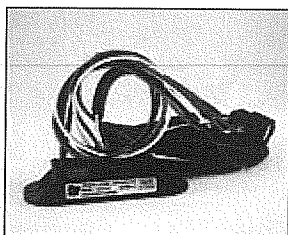
Z122283A	Rocker switch, 20A, momentary	17.75
Z122385B	Rocker switch, 20A, on/off, illuminates, Red	14.00
Z124102A	Kit, circuit breaker, 40A	26.00
Z124A058A	Kit, multiple legends, backlit	15.00

Headlight/Taillight Flashers

- Headlight and Taillight flashers for today's most popular vehicles
- New "plug-n-play" models available
- Multiple flash rates
- Easy to install

Model	Description	List Price
FHLP-CV	Flasher, Headlight, '06-newer, (CVPI) Crown Victoria Police Interceptor flasher, "plug-n-play" connector, multiple flash patterns	\$90.75
FHLP-IMP	Flasher, Headlight, '06-newer, Chevrolet Impala Police Package with "plug-n-play" connectors	136.00
FHLP-TAH	Flasher, Headlight, '06-newer, Chevrolet Tahoe with "plug-n-play" connectors	136.00
FHL-CHG	Flasher, Headlight, '06-newer, Dodge Charger and Dodge Durango	136.00
FHL-HL	Flasher, Headlight, positive-side switched systems, 18" wire leads, (2) 10 amp outputs, multiple flash patterns	90.75
FHL2-SC	Flasher, Headlight, 90 FPM, positive-side switched systems, high-beam override, (2) 10 amp loads	75.25
FHLP-CP	Flasher, Headlight, '11 and newer Chevrolet Caprice with "plug-n-play" connector	136.00
FHL-TAIL	Flasher, Taillight, universal applications, 18" wire leads	90.75

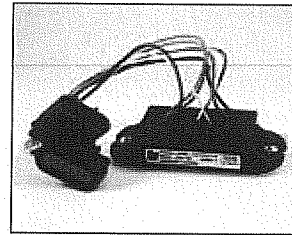
Vehicle	Headlight	Taillight
Crown Victoria Police Interceptor	FHLP-CV	FHL-TAIL
Ford Expedition	FHL-HL	FHL-TAIL
Ford Explorer	FHL-HL	FHL-TAIL
Chevrolet Impala Police Package	FHLP-IMP	FHL-TAIL
Chevrolet Tahoe	FHLP-TAH	FHL-TAIL
Chevrolet Caprice	FHLP-CP	FHL-TAIL
Dodge Charger	FHL-CHG	FHL-TAIL
Dodge Durango	FHL-CHG	FHL-TAIL
Ford Police Interceptor Sedan	N/A	FHL-TAIL
Ford Police Interceptor Utility	N/A	FHL-TAIL



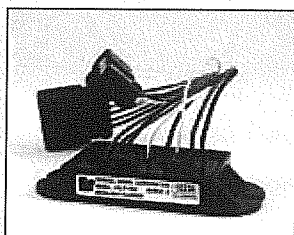
FHLP-CV



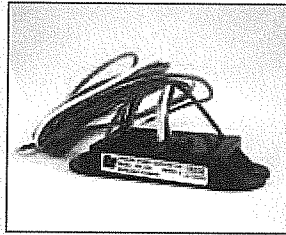
FHL-HL



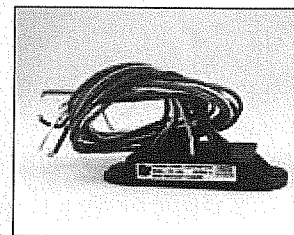
FHLP-IMP



FHLP-TAH



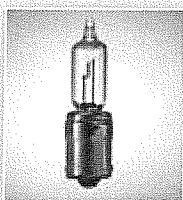
FHL-CHG



FHL-TAIL

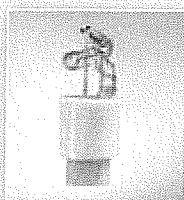


LAMP REPLACEMENT PARTS



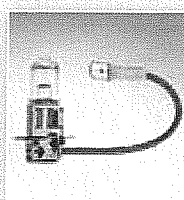
Z8107141A \$10.50

Lamp, rotator, vertical filament, 795X, 50W, bayonet



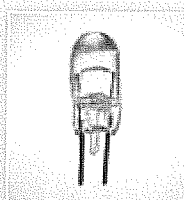
Z8107146C \$50.50

Strobe tube, Fireball



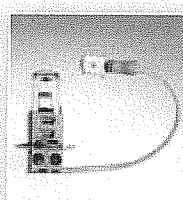
Z8107152A \$10.50

Bulb, H3 halogen, 55W 12VDC



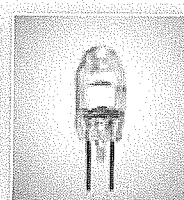
Z8107156A \$18.75

Bulb, 25W, G4, 12V, halogen, GH1



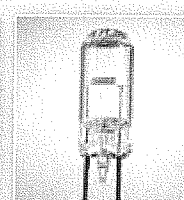
Z8107158A \$14.00

Bulb, H3 halogen, 100W, 12VDC



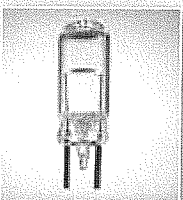
Z8107165A \$19.25

Bulb, 35W, G4, 12V, halogen, GH1F



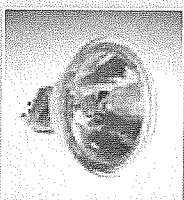
Z8107169A \$10.50

Bulb, GH8, Bi-pin alley/takedown light, 50W halogen



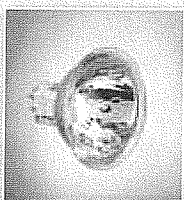
Z8107170A \$10.50

Bulb, GH9, Bi-pin flashing light, 35W halogen



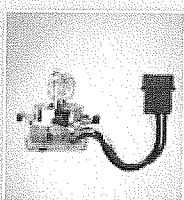
Z8107231A-01 \$19.50

Bulb, HotFoot, takedown, 50W, MR16, 12-degrees



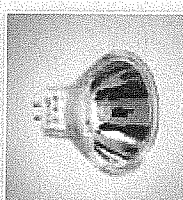
Z8107231A-02 \$19.50

Bulb, MR16, HotFoot alley 24-degrees



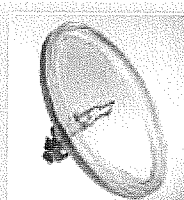
Z8107232A \$62.25

Strobe tube assembly, 413250/GS1/GS1F



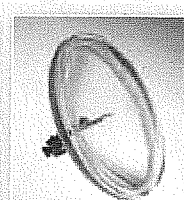
Z8107241A \$20.75

Lamp, alley, Arjet SL, MR11, 10-degrees



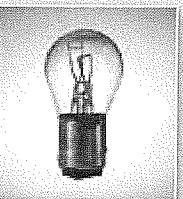
Z8107A027 \$24.00

Bulb, 4505, 50W, 24VDC, Model 14



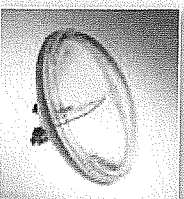
Z8107A033 \$21.75

Bulb, 4416, 30W, Model 14



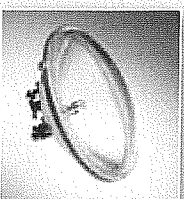
Z8107A095A \$4.25

Bulb, Stop/Tail/Turn, GE1157, dual filament



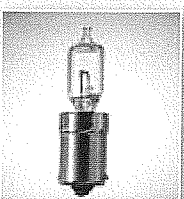
Z8107A117-01 \$111.00

Halogen lamp, Night-Fighter, use with model FL3SF-LC



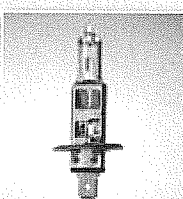
Z8107A117A \$30.50

Incandescent lamp, Night-Fighter, use with models FL3sf and FL3sf-lc



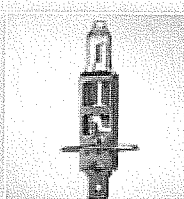
Z8107A119A \$12.25

Bulb, alley/takedown light, horizontal filament, 50W bayonet



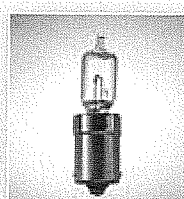
Z8440A265A-02 \$10.50

Bulb, Rotator, H1 vertical filament, long life, 12VDC



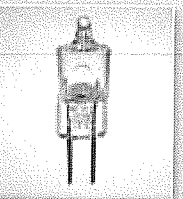
Z8444A151A \$15.75

Bulb, H1, vertical filament, 70W halogen, 24VDC



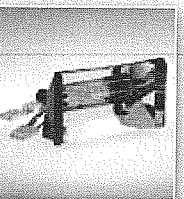
Z8548A028A \$17.25

Bulb, flashing light, horizontal filament, 796, 35W



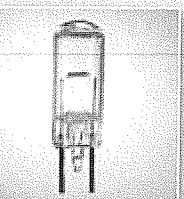
Z8550250A \$24.25

Lamp, Littlite, Bi-pin



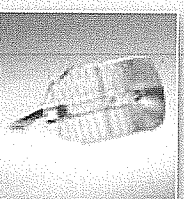
Z851592 \$82.75

Strobe tube and reflector assembly, Jetstrobe



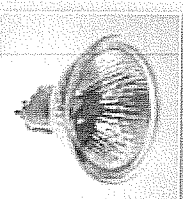
Z8573007A \$10.50

Bulb, Gh22 Bi-pin, SignalMaster, 27W halogen



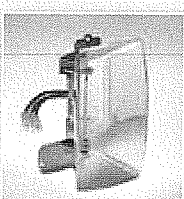
Z8575067A \$97.00

Strobe tube and reflector assembly, GS2



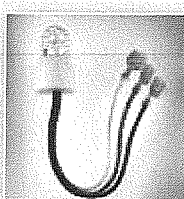
Z8575107A \$19.25

Lamp and reflector assembly, GHSCENE



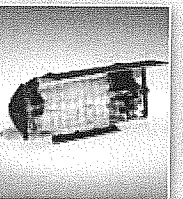
Z8575189A \$93.50

Strobe tube assembly, GS5



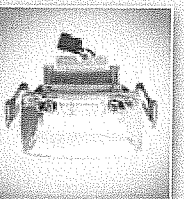
Z8583052A \$52.00

Strobe tube, Vistabeam/directional, helical, lower level



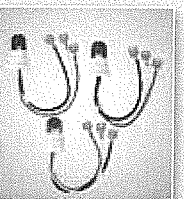
Z8583292A \$98.00

Strobe tube and reflector assembly, linear, upper level



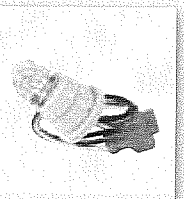
Z8583302A \$135.75

GS5 strobe head assembly Vista/Ricochet



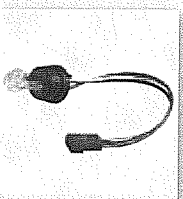
602111-02/03/04 \$83.75

Corner strobe tube, Amber, Blue or Red CS1



602111-05 \$49.50

Corner strobe tube, Clear CS1



413201-05 \$40.50

Strobe tube, Ricochet/Silver Series Clear with amp connector

PRODUCT FEATURE COMPARISON |

LIGHTBARS	Vision SLR	Valor	Legend	LPX	LPX Discrete
Non-Linear / V-Shape	●	●			
Solaris	●	●	●	●	●
ROC (Reliable Onboard Circuitry)		●	●	●	●
FS Convergence Network	●	●	●	●	
SpectraLux	●	●			
SLR (Solaris LED Rotator)	●				
HotFoot	●	●	●		
LED Takedown & Alleys	●	●	●	●	●
LED SignalMaster	●	●	●	●	
Flood Lighting	●	●			
Dimming	●	●	●	●	

WARNING LIGHTS	SpectraLux ILS	CN SignalMaster	Viper EXT	IMPAXX6	IMPAXX 3	MicroPulse 6	MicroPulse 3	Viper S2
Interior or Exterior Mounting	Interior	Both	Both	Both	Both	Both	Both	Interior
Solaris	●	●	●	●	●			●
ROC (Reliable Onboard Circuitry)	●	●						
FS Convergence Network	●	●						
SpectraLux	●	●		●				●
Single Color	●	●	●	●	●	●	●	●
Split Color						●		
Number of LEDs*	24-180	24-144	8	6, 12, 18	3	6	3	6-36
LED Takedown	●	●		●				●
LED SignalMaster	●	●						
Flood Lighting	●	●						
Sync			●	●	●	●	●	●
Clear Lens		●	●	●	●	●	●	●
Color Lens			●	●	●			

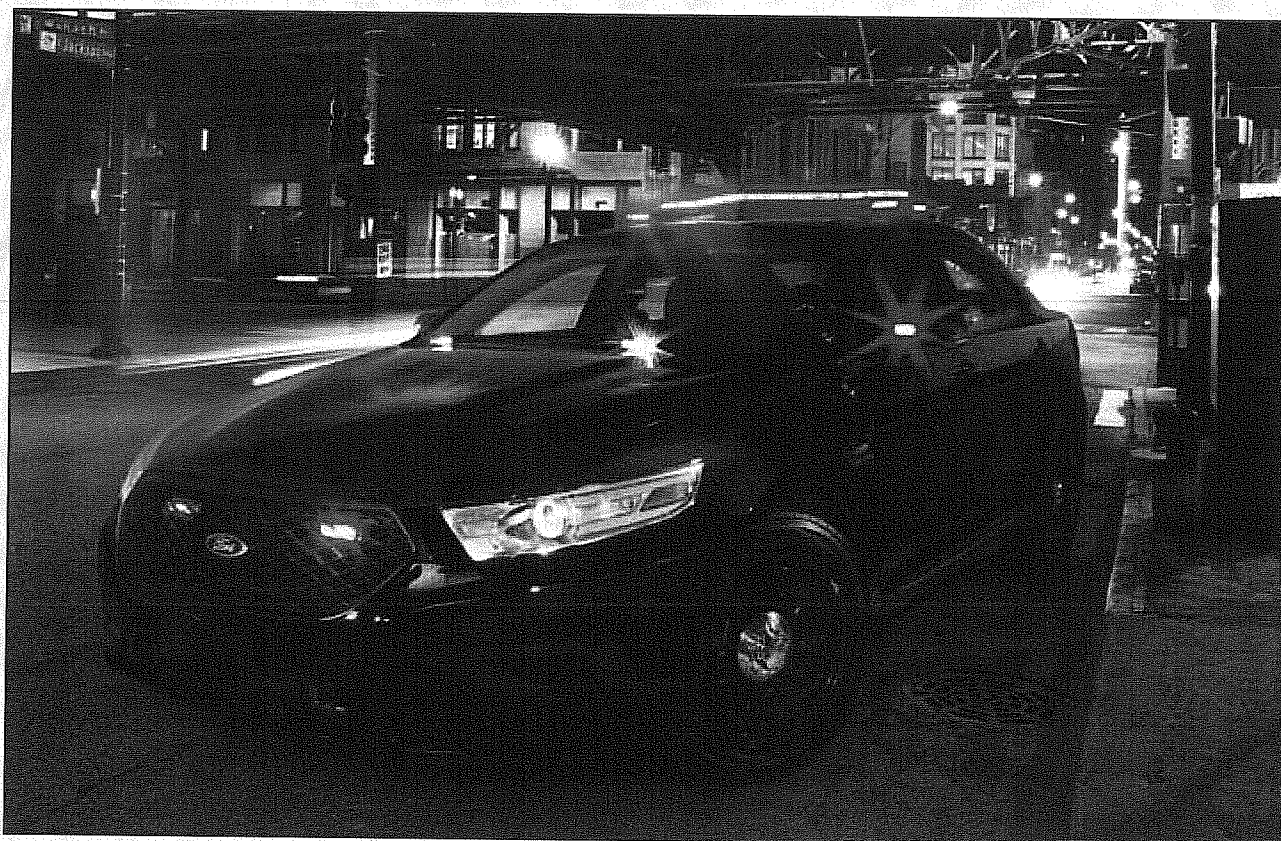
* Number of LEDs determined by color combination

SIRENS	SmartSiren Platinum	PA300-CN	PA300	PA640	650 Series
Compatible with optional Ford steering wheel switches	●	●			
FS Convergence Network	●	●			
Air Horn	●	●	●	●	●
PA (Public Address)	●	●	●	●	●
Siren Tones	●	●	●	●	●
Remote Control Head	●	●			
Slide Switch	●	●		●	
Lighting Control	●	●		●	●
SignalMaster Control	●	●			
Microphone	●	●	●	●	●
Horn Ring Transfer / TAP II	●	●	●	●	●
Park Input	●	●		●	
Relay Outputs	14	4	0	9	8
Programmable Inputs	8	4	0	0	0
Auxiliary Inputs	0	0	0	2	2



FORD POLICE INTERCEPTOR SEDAN

Model	Description	List Price
Lightbar Mounts		
HKB-TAR11	Hook required with Hook-on mount, Taurus '11-'12 and Interceptor Sedan '13	\$54.00
Audible Warning Brackets		
ESB-TAR11	ES100 speaker bracket, Taurus '11-'12 and Interceptor Sedan '13	30.00
750501-04	AS124 speaker bracket for Dodge Charger '11-'12 and 2013 Ford Police Interceptor Sedan	40.00
RB-FPIS13	Rumbler bracket for 2013 Ford Interceptor Sedan	50.00
Grille Light Brackets		
IPX-GRL5	IMPAXX, grille brackets, pair, with hardware, Interceptor Sedan '13	19.00
License Plate Light Bracket		
IPX-LPH1	IPX3/IPX6/VPX8/MPS300, generic high-side license plate holder with horizontal mount tab on each side	25.00
Rear Side Window Light Brackets		
IPX-SW1	IPX3/VPX8, pair of rear side window mount brackets	25.75
VPX-SW	VPX8, pair of rear side window mount brackets, each bracket holds (2) Viper EXT lights	71.25
Push-Bumper Light Bracket		
IPX-PB45H	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, horizontal light orientation	25.00
IPX-PB45V	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, vertical light orientation	25.00
Trunk Lid Light Bracket		
IPX-TRNK4	IPX3/IPX6/VPX8/MPS300/MPS600, pair of inner trunk lid brackets with hardware, 2013 Ford Police Interceptor Sedan	25.00
Taillight Flasher		
FHL-TAIL	Taillight flasher	90.75
Interior Mount Brackets		
350701-04	Viper S2 bracket, rear view mirror/headliner/single, 2013 Ford Interceptor Sedan and Utility	25.00
350701-05	Viper S2 bracket, rear view mirror/headliner/dual, 2013 Ford Interceptor Sedan and Utility	25.00
350701-06	Viper S2 bracket, rear deck single, 2013 Ford Interceptor Sedan	25.00
350701-07	Viper S2 bracket, rear deck dual, 2013 Ford Interceptor Sedan	25.00
IPX6-HL1	IPX6, pair, headliner, mount brackets, each holds (1) IPX6 light	90.00





FORD POLICE INTERCEPTOR UTILITY

Model	Description	List Price
Lightbar Mounts		
HKB-FPIU13	Hook required with hook-on mount, Interceptor Utility '13	\$54.00
Audible Warning Brackets		
ESB-EXP07	ES100 speaker bracket, Interceptor Utility '13	30.00
RB-FPIU13	Bracket, Rumbler mount, Ford Police Interceptor Utility '13	50.00
Grille Light Brackets		
IPX-GRL6	IMPAXX, grille brackets, pair, with hardware, Interceptor Utility '13	19.00
License Plate Light Bracket		
IPX-LPH1	IPX3/IPX6/VPX8/MPS300, generic high-side license plate holder with horizontal mount tab on each side	25.00
Rear Side Window Light Brackets		
IPX-RSW3	IPX3/VPX6/VPX8, pair of rear side window mount brackets, 2013 Ford Police Interceptor Utility	69.00
VPX-SW	VPX8, pair of rear side window mount brackets, each bracket holds (2) Viper EXT lights	71.25
Push-Bumper Light Bracket		
IPX-PB45H	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, horizontal light orientation	25.00
IPX-PB45V	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, vertical light orientation	25.00
Taillight Flasher		
FHL-TAIL	Taillight flasher	90.75
Interior Mount Brackets		
350701-04	Viper S2 bracket, rear view mirror/headliner/single, 2013 Ford Interceptor Sedan and Utility	25.00
350701-05	Viper S2 bracket, rear view mirror/headliner/dual, 2013 Ford Interceptor Sedan and Utility	25.00
Bottom of Rear Hatch		
MPSM3-BOOTKIT	(2) Rubber boot mounts, (2) mounting plates for (2) MPS300	50.00
MPSM6-BOOTKIT	(2) Rubber boot mounts, (2) mounting plates for (2) MPS600	55.00
CN SignalMaster Bracket		
CNSM-RBK1	Mount kit for installing 8-head CN SignalMaster in 2013 Ford Police Utility	25.75



**CHEVROLET TAHOE**

Model	Description	List Price
Lightbar Mounts		
HKB-TA10	Hook required with hook-on mount, Tahoe	\$54.00
Audible Warning Brackets		
ESB-TAH08	ES100 speaker bracket, Chevrolet Tahoe, '03-'13	30.00
RB-TAH08	Rumbler brackets, Chevrolet Tahoe	50.00
750501-06	AS124 speaker bracket, Chevrolet Tahoe '13	40.00
License Plate Light Bracket		
IPX-LPH1	IPX3/IPX6/VPX8, generic high-side license plate holder with horizontal mount tab on each side	25.00
IPX-LPV1	IPX3/IPX6/VPX8, flat surface license plate mount, various vehicles without recessed plate mounting locations	25.00
IPX-LPF1	IPX3 only, generic low side license plate holder for horizontal IMPAXX install	30.00
Push-Bumper Light Bracket		
IPX-PB45H	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, horizontal light orientation	25.00
IPX-PB45V	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, vertical light orientation	25.00
Universal Mount Brackets		
IPX-PBL1	IPX3/IPX6/VPX8, pair, universal "L" bracket, horizontal orientation	25.00
Headlight/Taillight Flashers		
FHLP-TAH	Flasher, Headlight, '06-newer, Chevrolet Tahoe with "plug-n-play" connectors	136.00
FHL-TAIL	Flasher, taillight, universal applications, 18" wire leads	90.75
Interior Mount Brackets		
350701-02	Bracket, rear view mirror/headliner/single, Crown Victoria and Chevy Tahoe	25.00
350701-03	Bracket, rear view mirror/headliner/double, Crown Victoria and Chevy Tahoe	25.00
Grille Light Bracket		
IPX-GRL2	IPX3/IPX6/VPX8, pair of grille brackets with hardware, horizontal mount orientation, Ford CVPI, '02-'11 and Chevy Tahoe '13	19.75

CHEVROLET CAPRICE

Model	Description	List Price
Lightbar Mounts		
HKB-CAP11B	Hook required with Hook-on mount, Chevrolet Caprice	\$54.00
Audible Warning Brackets		
ESB-CAP11	ES100 speaker bracket, Chevrolet Caprice	30.00
RB-CAP11	Rumbler brackets, Chevrolet Caprice	125.00
750501-05	AS124 speaker bracket, Chevrolet Caprice	40.00
Grille Light Brackets		
IPX-GRL4	IMPAXX, (2) grille bracket with hardware, vertical oriented mount, Chevrolet Caprice	19.00
License Plate Light Bracket		
IPX-LPH1	IPX3/IPX6/VPX8, generic high-side license plate holder with horizontal mount tab on each side	25.00
IPX-LPV1	IPX3/IPX6/VPX8, flat surface license plate mount, various vehicles without recessed plate mounting locations	25.00
IPX-LPF1	IPX3 only, generic low side license plate holder for horizontal IMPAXX install	30.00
Rear Side Window Light Brackets		
IPX-RSW2	IPX3/IPX6/VPX8, pair rear side window mount brackets and covers, Chevrolet Caprice	69.00
IPX-RDW2	IPX3/IPX6/VPX8, pair rear side window mount brackets and covers, each bracket holds two lights, Chevrolet Caprice	69.00
IPX-ROW1	IPX3/IPX6, pair of rear side "Opera" window mount brackets, Chevrolet Caprice	25.00
Push-Bumper Light Bracket		
IPX-PB45H	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, horizontal light orientation	25.00
IPX-PB45V	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, vertical light orientation	25.00
Side-Marker		
MPSM6-CRPSM	MPSM600, pair, side market brackets, each holds (2) MPS600 lights	139.00

DODGE CHARGER

Model	Description	List Price
Lightbar Mounts		
HKB-CHGR11	Hook required with hook-on mount, Charger '11-'12	\$54.00
Audible Warning Brackets		
ESB-TAR11	ES100 speaker bracket, Charger '11-'12 and Ford Sedan '13	30.00
RB-CRG11	Rumbler mount kit, pair of mount brackets with hardware for Dodge Charger police package vehicles '11-'12	50.00
750501-04	AS124 speaker mounting bracket, no grille removal, Dodge Charger	40.00
License Plate Light Bracket		
IPX-LPV1	IPX3/IPX6/VPX8, flat surface license plate mount, various vehicles without recessed plate mounting options	25.00
IPX-LPH1	IPX3/IPX6/VPX8, generic high side license plate holder with horizontal mount tab on each side, fits most vehicles	25.00
IPX-LPF1	IPX3 only, generic low side license plate holder for horizontal IMPAXX install, most vehicles	30.00
Trunk Lid Light Bracket		
IPX-TRNK3	IPX3/IPX6/VPX8, pair of inner trunk lid brackets with hardware, Dodge Charger '11-'12	25.00
Push-Bumper Light Bracket		
IPX-PB45H	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, horizontal light orientation	25.00
IPX-PB45V	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, vertical light orientation	25.00
Headlight/Taillight Flashers		
FHL-CHG	Flasher, headlight, Dodge Charger, '06-newer	136.00
FHL-TAIL	Flasher, taillight, universal applications, 18" wire leads	90.75
Grille Light Brackets		
IPX-GRL3	IPX3/IPX6/VPX8, pair of grille brackets with hardware, Charger '11-'12	19.00
Rear Side Window Light Brackets		
IPX-RSW1	IPX3/IPX6/VPX8, pair rear side window mount brackets and covers, Dodge Charger	69.00



CHEVROLET IMPALA

Model	Description	List Price
Lightbar Mounts		
HKB-IMP7	Hook required with hook-on mount, Impala	\$54.00
Audible Warning Brackets		
ESB-IMP08R	ES100 speaker bracket, Chevrolet Impala	30.00
RB-IMP08	Rumbler mount kit, pair of mount brackets with hardware for 2008-2010 Chevrolet Impala police package vehicles	50.00
750501-02	AS124 speaker mounting bracket, no grille removal, Chevrolet Impala both civilian and police package	40.00
License Plate Light Bracket		
IPX-LPV1	IPX3/IPX6/VPX8, flat surface license plate mount, various vehicles without recessed plate mounting options	25.00
IPX-LPH1	IPX3/IPX6/VPX8, generic high side license plate holder with horizontal mount tab on each side, fits most vehicles	25.00
IPX-LPF1	IPX3 only, generic low side license plate holder for horizontal IMPAXX install, most vehicles	30.00
Trunk Lid Light Bracket		
IPX-PBL1	IPX3/IPX6/VPX8, pair, universal "L" bracket, horizontal light orientation	25.00
Push-Bumper Light Bracket		
IPX-PB45H	IPX3/IPX6/VPX8, pair, 45-degree slanted push bumper mounts, horizontal light orientation	25.75
Headlight/Taillight Flashers		
FHLP-IMP	Flasher, headlight, Chevrolet Impala Police Package, '06-newer, "plug-n-play" connectors	136.00
FHL-TAIL	Flasher, taillight, universal applications, 18" wire leads	90.75

MOTORCYCLE

Model	Description	List Price
Warning Lights Engine Guard 1.25" Diameter		
760002G-03	Blue LEDs, Clear lens	\$408.25
760002G-04	Red LEDs, Clear lens	385.50
Telescopic LED Pole		
C0301-B	(10) 1W Blue LEDs, needs UC300 control unit	412.50
C0301-R	(10) 1W Red LEDs, needs UC300 control unit	412.50
Accessories and Kits		
UC300	Control Unit for LD300 and C0301	243.00
LF6MOTO-LED	6" LED Littlite, horizontal mount, switch control, wired base	152.25
LF6MOTO	Halogen Littlite, horizontal mount, switch control, wired base	63.50
Sirens and Speakers		
2020200-UP	30W Specialty Vehicle siren/speaker combo	229.75
MC100-02	Speaker, 100W, polished stainless steel projector	355.00
U750-HON	Motorcycle siren amplifier, 100W, water resistant, Honda	714.00
U750M	100W, water resistant, Harley Davidson	714.00
Accessories and Kits		
MC100-MNT	Mounting kit, MC100 motorcycle speaker	81.25
8216090-UP	Switch kit, used with SCS1000 Soundstar, 30W siren/speaker combo	21.50
8216113-UP	Microphone kit, used with SCS1000 Soundstar, 30W siren/speaker combo	90.75
4004233-01	Switch kit, handlebar	89.00